

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Rosemead		Los Angeles	
Authorized Signature		Title	Director of Administrative Services
			
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Bill Crowe	25-Jan-02	(626) 569-2110	
Person Completing This Form (please print or type)		Title	
Hazel Jones		Eco Telesis Project Manager	
Affiliation:	Consultant		
Mailing Address		City	State
8838 E. Valley Blvd		Rosemead	CA
E-mail address	91770 bcrowe@cityofrosemead.org		

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Jurisdiction Name City of Rosemead	County Los Angeles		
Authorized Signature	Title Director of Administrative Services		
Type/Print Name of Person Signing Bill Crowe	Date 25-Jan-02	Phone () Include Area Code (626) 569-2110	
Person Completing This Form (please print or type) Hazel Joanes	Title Eco Telesis Project Manager		
Affiliation: Consultant			
Mailing Address 8838 E. Valley Blvd	City Rosemead	State CA	ZIP Code 91770
E-mail address bcrowe@cityofrosemead.org			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	1999
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
<p>Based on the Board's Disposal Reporting System DRS, the City's disposal tonnage has increased and decreased from 1995 to 1998. The average decrease is 4,618 tons and the average increase is 4,594 tons. Decreases in disposal occurred in 1997 while increases in disposal occurred in 1996 & 1998. In 1999 the City's disposal increased by 5,945 tons. The DRS indicates that the past 3 consecutive years (1997, 1998 & 1999) the average increase in disposal was 5,071 tons. The DRS does not establish a consistent disposal tonnage but establishes a fluctuation pattern that averages a 4,937 tons between 1995 to 1999. (Continued on Addendum A)</p>	

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 18 %	Diversion rate calculated using new generation-based study	b. 29 %
For existing base year pounds/person/day based on generation	7.757116487	For new generation based study pounds/person/day based on generation	9.252307393
Residential generation 41 %	Non-Residential generation 59 %	Residential generation 21% %	Non-Residential generation 79% %
Population existing generation-based study	51,638	Population new generation-based study	56,400

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

Since 1990, the City implemented its SRRE programs for the residential sector and effectively expanded the single family dwelling curbside recycling program to include additional recyclable materials and began a pilot multi-family recycling program. The City began grasscycling at City parks and implemented City Hall mixed paper recycling program. Since 1990 the City has coordinated with Schools to encourage grasscycling. To prevent illegal dumping the City began an enforcement program to collect and recycle bulky items year round. This enforcement program complements the City's quarterly curbside bulky item pick up recycling program. The quantity of waste generated per person per day increased by 1.5 pounds per person per day this increase is attributable to the slight growth in the commercial and industrial sector.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The diversion rate calculated using the new generation base year study is greater because of omissions in diversion activity in the 1990 base year generation and to the 1998 revision to the 1990 base year generation. The 1990 base year generation study did not include all the aspects of diversion that are reflected in this report. According to the SRRE, the 1990 base year study consisted of distributing 100 surveys via the mail and conducting phone and on-site interviews with the waste haulers. Of the 100 business surveys only 18 surveys were returned usable. This low response rate indicates that diversion activity for the private businesses were not adequately assessed. Furthermore, when the 1990 base year study was conducted, the residential recycling program was in its infancy as such, historical data was not available to allow for a clear depiction of the effectiveness of the curbside recycling program. Likewise, in 1990 the City facility grasscycling, asphalt and office recycling program had just begun and the disposal/diversion activities were not accurately assessed. (Continued on Addendum A)

7. Disposal Tonnage: (enter values)	17113	50258	Non-Residential Total	67359
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Please select the ONE choice below that best explains your **disposal** data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmrb.ca.gov/gcentral/forms/rytnmdrq.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmrb.ca.gov/gcentral/forms/rytnmdq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.			
Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (list operation w/multiple materials in one box)
Please use the Board's program types. The program type glossary is online at: http://www.ciwmrb.ca.gov/gcentral/gloss/codes/reduce.htm	(At Total Generation) (A)		
Residential Activities:			
Source Reduction	0	0.0%	
Backyard composting	0	0.0%	
Grasscycling	0	0.0%	
Other Residential source reduction (list each program/separately)			
Enter program name		0.0%	
Enter program name		0.0%	
Enter program name		0.0%	
Enter program name		0.0%	
Subtotal Residential Source Reduction	0	0.0%	
Recycling			
Curbside Recycling	Curbside recycling collection: aluminum, steel cans, PET, HDPE, mixed plastics, glass, cardboard, newspaper	Actual tonnage quantity obtained from Consolidated Disposal Service, Inc. "Rosemead Curbside Recycling Program- Volume/Revenue Report"	Consolidated Disposal Service, Inc. "Rosemead Curbside Recycling Program- Volume/Revenue Report"
1015	1.1%		
Buyback centers			
801	0.8%	Buyback centers, recycling centers: Aluminum, glass, plastic and bi-metals	Actual tonnage quantity obtained from Department of Conservation: "1999 aggregate Volume reported for the City of Rosemead" Note: Curbside Recycling's tonnage for aluminum plastics and glass is NOT reported as part of this line item quantity.
Drop-off centers	0	0.0%	Department of Conservation: "1999 aggregate Volume reported for the City of Rosemead" Report on file at City Hall.

Diversify Activity	Activities	Relative Percent to Total Generation	Specific material type(s) (list operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.civmcb.ca.gov/licentiat/parts/codes/reduce.htm	(A)	(All General)			
Other Residential recycling <input checked="" type="checkbox"/> (list each program separately)					
Bulky Item Pick Up & Recycling			Mattress, wood furniture, air conditioners, metal play equipment, wood and metal cabinets, home electronics.	Actual tonnage quantities obtained from Consolidated Disposal Service, Inc " 1999 Rosemead Bulky Item Pickups". Bulky items are sent to various recyclers. Items that are disposed are not included in this tonnage quantity.	Consolidated Disposal Service, Inc " 1999 Rosemead Bulky Item Pickup" Report on file at City Hall.
Bulky Item Pick Up & Recycling- Code Enforcement Program	668	0.7%	White goods, metal frames,	Actual tonnage quantities obtained from Consolidated Disposal Service. City Code Enforcement requests Hauler to remove bulky items that are illegally disposed. Requests are made on a weekly basis.	City of Rosemead "Large Trash Items Referred to Consolidated Disposal" Report on file at City Hall
Enter program name	19	0.0%			
Enter program name					
Subtotal Residential Recycling	2501	2.6%			
Green waste drop-off					
Curbside green waste			Grass Clippings & Yard Trimmings (Christmas trees and greenwaste used as ADC is not included)	Actual tonnage quantities obtained from Consolidated Disposal Service, Inc " 1999 Rosemead greenwaste". Tonnage quantities reflect greenwaste taken to, River Ranch, and other smaller composting or mulching facilities. (Greenwaste used as ADC is not included)	Consolidated Disposal Service, Inc " 1999 Rosemead greenwaste" Report on file at City Hall
Christmas Tree program	682	0.7%	Christmas trees	Actual tonnage quantities obtained from Consolidated Disposal Service, Inc " 1999 Rosemead Christmas Tree Recycling Program". Tonnage quantities reflect greenwaste taken to, River Ranch, and other smaller, composting or mulching facilities. (Greenwaste used as ADC is not included)	Consolidated Disposal Service, Inc " 1999 Rosemead Christmas Tree Recycling Program" Report on file at City Hall
17	0.0%				
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	699	0.7%			
Subtotal Residential Diversion	3200	3.4%			
Non-Residential Activities:					
Source Reduction	322	0.3%		See Section 9	See Section 9
Non-Residential Waste Audits*					
Other non-Residential source reduction (list each program separately)					
City Parks Grassrecycling			Grass clippings	Actual tons reported by the City. California Turf Grass Culture Cooperative Extension University of California Volume 46, Nos 1&2 1996. Average annual turf grass clipping weight 6.5 tons per acre per year. City parks mowable area is 30.65 acres. (.30.65 acres @ 6.5 tons/acre= 199.23)	Mowable area data on file at City Hall.
	199	0.2%			

Division Activity	Actual tons	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.clwmb.ca.gov/central/oants/codes/reduce.htm	(A)				
Schools Grasscycling					
Golf Course Grasscycling	336	0.4%	Grass clippings	Actual tons reported by the City. California Turf Grass Culture Cooperative Extension University of California, Volume 46, Nos 1&2 1996: Average annual turf grass clipping weight 6.5 tons per acre per year. Schools mowable area is 51.7 acres. (51.7 acres @ 6.5 tons/acre =336.05)	Mowable area data on file at City Hall.
Contract Tree Arborist	115	0.1%	Grass clippings	Actual tons reported by the City. California Turf Grass Culture Cooperative Extension University of California, Volume 46, Nos 1&2 1996: Average annual turf grass clipping weight 6.5 tons per acre per year. Golf Course mowable area is 17.7 acres. (17.7 acres @ 6.5 tons/acre =115.05)	Mowable area data on file at City Hall.
City Hall Mixed Paper Recycling	250	0.3%	Tree trimmings	Actual tons reported to the City by Evans Tree Trimming Service. Tree trimmings are chipped and used on trails. Larger bulky wood is sold as fire wood.	Evans Tree Trimming Report -1999. Report dated August 29, 2000.
Subtotal Non-Residential Sources Reduction	12	0.0%	Mixed Office Paper	Actual tons reported by Consolidated Disposal Service Inc.: "Mixed Paper Recycling City Hall" (Tonnage reflected in this line item is not included in non-residential recycling waste audits)	Consolidated Disposal Service, Inc "1999 Rosemead Mixed Paper Recycling City Hall" Report on file at City Hall.
	1234	1.3%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (list operation with multiple materials in one box)	Specific diversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.dwmb.ca.gov/licentia/batts/codes/reduce.htm	(A)	(A/Tot Generation)			
Recycling	3608	3.8%			See Section 9
Non-Residential Waste Audits*					See Section 9
Other non-Residential recycling (list each program separately)					See Section 9
City Street Resurfacing Asphalt Recycling					
Enter program name	6564	6.9%	Asphalt	Actual tonnage quantities obtained from the City Engineering Department. City street paving contracts specify recycling of asphalt. Several streets paved north & south of the Freeway 10 in 1999. Asphalt is taken to a recycler by the contractor.	City of Rosemead "Asphalt Recycled Through Cold Milling" Report on file at City Hall.
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	10172	10.7%			
Composting	3	0.0%			See Section 9
Non-Residential Waste Audits*					See Section 9
Other non-Residential composting (list each program separately)					See Section 9
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	3	0.0%			
Subtotal Non-Residential Diversion	11409	12.0%			
Residential/Non- Residential Diversion Activities					
ADC	4103	4.3%	Grass Clippings & Yard Trimmings (Christmas trees are included)	Actual tonnage quantities obtained from the CIWMB disposal reporting system.-Rosemead 1999	CIWMB disposal reporting system.-Rosemead 1999
Sludge					
Scrap metal					
Construction and demolition					
Landfill salvage	9136	9.6%	Concrete, Asphalt & Brick	Actual tonnage quantities obtained from the Orange County Recycled Construction & Demolition Debris -Sept- Dec 1999. Information on file at City Hall	Information on file at City Hall
Subtotal Residential/Non-Residential diversion	13256	13.9%	Beneficial Use/ Salvage	Actual tonnage quantities obtained from the Los Angeles County Department of Public Works Environmental Programs Division 1999 Quarterly Reports	Los Angeles County Department of Public Works Environmental Programs Division 1999 Quarterly Reports
Total Res/Non-Res Source Reduction Tons	1234	1.3%			
Total Diversion Tons	27864	29.3%			
Total Disposal Tons from Sec. 7	67369	70.7%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Type of record and location of record	Specific conversion factor used (if any) and Source
<p>Please use the Board's program types. The program type glossary is online at: http://www.ciwmrb.ca/cpw/glossary/gloss.htm</p>					
Total Generation	(A)	(An total Generation)			
Total Generation Tons (Div+Dis)	95234				
Diversion Rate	29%				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other
5300-General merchandise stores	M9	Paper, Pallets	0	69	0	68.828575	0.1%	
8200-Educational services	P9	Plastic, paper	0	78	0	78.263485	0.1%	
5100-Wholesale trade-nondurable goods	D1	Pallets, Organic	0	89	0	89.435425	0.1%	
5400-Food stores	R2	Plastic, paper, pallets, organic	7	82	3	91.93672	0.1%	
5900-Miscellaneous retail	S5	Plastic, paper, pallets	0	125	0	125.2660173	0.1%	
5400-Food stores	B6	paper, pallets, organic	0	223	0	223.43214	0.2%	
5182-Wine and distilled beverages	G5	Paper, Pallets	0	435	0	435.392855	0.5%	
5311-Department Stores	R5	Plastic, paper, pallets, other	3	562	0	565.048525	0.6%	
4900-Electric, gas, and sanitary services	S6	Paper, Other	17	577	0	593.06665	0.6%	
5400-Food stores	B4	Paper, pallets	6	698	0	704.51257	0.7%	
		Totals	33.195795	2939.2747	2.71247	2975.182962	3.1%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

See Addendum A

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
White Goods	Bulky Item Pick Up & Code enforcement Program	1991	19
Inert Solids	Construction and Demolition	1998	16
Inert Solids	Asphalt Pavement Recycling	1991	6564
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of preciously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (*Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Addendum A

Response to Section II-3 continued...

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

...The City relies on the accuracy of the disposal data collected by the Board to be representative of the City's disposal record.

The diversion tonnages presented in this report represent results of actual data obtained through on-site visits and interviews with the commercial sector businesses and educational institutions. Consultants for the City conducted 198 on-site interviews between March and September of 2000. The intent for conducting the surveys in was threefold:

1. To provide businesses technical assistance on how to incorporate waste reduction and recycling into their business operations.
2. To assess the need for a citywide commercial sector waste reduction and recycling program.
3. To quantify and evaluate diversion activities that was practiced in 1999.

Surveyors asked specific questions relating to diversion and disposal practices in 1999 and in 2000. Survey results represented in this report reflect data and information collected of the 1999 calendar year.

Copies of the actual survey forms waste diverters are included as an attachment to this addendum.

Response to Section II-6 continued...

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

...In 1998 the City realized that diversion and disposal due to self-haul had not been accounted for in the 1990 base year generation. Accordingly in August of 1998, the Board revised the 1990 base year generation quantity to include the missed self haul and ultimately concluded that "... a diversion rate cannot be accurately determined due to inaccurate base year data..." At that time the City took the initiative to actively pursue more diversion activities. The City requested the waste hauler to expand the residential curbside recycling program and offer school presentations and workshops on recycling and source reduction. The hauler did expand the curbside recycling program and conducted school recycling presentations. Also, the City informally requested the waste

hauler to voluntarily provide recycling services to businesses. In addition to increasing the City's waste diversion activities, the City also initiated a strategy to better understand the current waste disposal and diversion activities in the City. In December 1999 the City hired a consultant to conduct waste generation surveys of local businesses and schools. During those surveys, technical assistance on recycling and waste reduction methods was offered to the businesses and schools. The results of those surveys indicated that the City had the potential to achieve additional diversion through the implementation of a formalized mandatory recycling program for commercial businesses and restaurants. The results of those surveys also indicated that the 1990 base year did not include grasscycling that had been practiced at schools, city parks and the local golf course. The survey also identified a larger number of businesses that practiced recycling in 1999 than in 1990.

Board Meeting
November 19-20, 2002

Agenda Item
Attachment 2A

ID	Activity	Description	Act/Des	Quantity	Unit	USEPA	57.36	Notes
486 M9	5300-General merchandise stores	Recycling Uncoated corrugated cardboard	70	114,714.29	Paper	2.2lbs/unit	USEPA	57.36 (* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 1000units/wk X 52.1428571428571 = 114714.285714286 lb/yr
487 M9	5300-General merchandise stores	Recycling Wood pallets	70	22,942.86	Pallets	40lbs/unit	USEPA	11.47 (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 11units/wk X 52.1428571428571 = 22942.8571428571 lb/yr
558 P9	8200-Educational services	Reuse Durable plastic items	38.5	22.79	Plastic	1.9lbs/unit	USEPA	0.01 (* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.23units/wk X 52.1428571428571 = 22.79564285714286 lb/yr
559 P9	8200-Educational services	Recycling Uncoated corrugated cardboard	38.5	156,428.57	Paper	100lbs/unit	USEPA	78.21 (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.29units/wk X 52.1428571428571 = 15628.571428571 lb/yr
560 P9	8200-Educational services	Reuse Office white ledger	38.5	75.61	Paper	5lbs/unit	USEPA	0.04 (* Pounds=1) X 1lbs/unit X 2500units/wk X 52.1428571428571 = 130357.142857143 lb/yr
162 D1	5100-Wholesale trade-nondurable goods	Recycling Food	12.5	130,357.14	Organic	1lbs/unit		65.18
163 D1	5100-Wholesale trade-nondurable goods	Scavenging Wood pallets	12.5	48,513.71	Pallets	40lbs/unit	USEPA	24.26 (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 23.26units/wk X 52.1428571428571 = 48513.7142857143 lb/yr
593 R2	5400-Food stores	Recycling Uncoated corrugated cardboard	19.5	164,250.00	Paper	900lbs/unit	USEPA	82.13 (* OC, bale (large) 1 cubic yard=900) X 900lbs/unit X 3.5units/wk X 52.1428571428571 = 161250 lb/yr
594 R2	5400-Food stores	Composting Food	19.5	5424.94	Organic	18lbs/unit	FEECO	2.71 (* Bread, bulk 1 cubic foot=18) X 18lbs/unit X 5.78units/wk X 52.1428571428571 =
595 R2	5400-Food stores	Reuse Plastic pallets	19.5	141,82.86	Pallets	40lbs/unit/5	USEPA	7.09 (* Plastic, pallet, 48" x 48" each=40) X 40lbs/unit/5 X 34units/wk X 52.1428571428571 = 14182.85714285714 lb/yr
596 R2	5400-Food stores	Source reduction Remainder/composite plastic	19.5	15.64	Plastic	2.5lbs/unit	USEPA	0.01 (* Toner cartridge each=2.5) X 2.5lbs/unit X 0.12units/wk X 52.1428571428571 =
725 S5	5900-Miscellaneous retail	Scavenging Plastic pallets	40	46,928.57	Pallets	40lbs/unit	USEPA	23.46 (* Plastic, pallet, 48" x 48" each=40) X 40lbs/unit X 22.5units/wk X 52.1428571428571 = 46928.5714285714 lb/yr
726 S5	5900-Miscellaneous retail	Recycling Other office paper	40	250.29	Paper	8lbs/unit	USEPA	0.13 (* Shredded Paper 33 gallons=8) X 8lbs/unit X 0.6units/wk X 52.1428571428571 =
727 S5	5900-Miscellaneous retail	Recycling Uncoated corrugated cardboard	40	187,714.29	Paper	900lbs/unit	USEPA	93.86 (* OCC, bale (large) 1 cubic yard=900) X 900lbs/unit X 4units/wk X 52.1428571428571 = 187714.285714286 lb/yr

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728	S5	5900-Miscellaneous retail	Source reduction Remainder/composite plastic	40	121.23		Plastic	2.5lbs/unit	USEPA	0.06	(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.93units/wk X 52.1428571428571 = 121.232142857143 lb/yr
729	S5	5900-Miscellaneous retail	Scavenging Wood pallets	40	15,642.86		Pallets	40lbs/unit	USEPA	7.82	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7.5units/wk X 52.1428571428571 = 15642.85571428571 lb/yr
73	B6	5400-Food stores	Recycling Uncoated corrugated cardboard	45	258,107.14		Paper	900lbs/unit	USEPA	129.05	(OC, bale (large) 1 cubic yard=900) X 900lbs/unit X 5.5units/wk X 52.1428571428571 = 258107.142857143 lb/yr
74	B6	5400-Food stores	Scavenging Wood pallets	45	146,000.00		Pallets	40lbs/unit	USEPA	73.00	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 70units/wk X 52.1428571428571 = 146000 lb/yr
75	B6	5400-Food stores	Recycling Food	45	42,757.14		Organic	410lbs/unit	USEPA	21.38	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 2units/wk X 52.1428571428571 = 42757.1428571429 lb/yr
294	G5	5182-Wine and distilled beverages	Scavenging Wood pallets	25	834,285.71		Pallets	40lbs/unit	USEPA	411.14	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 40units/wk X 52.1428571428571 = 834285.714285714 lb/yr
295	G5	5182-Wine and distilled beverages	Recycling Uncoated corrugated cardboard	25	36,500.00		Paper	50lbs/unit	USEPA	18.25	(* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 14units/wk X 52.1428571428571 = 36500 lb/yr
608	R5	5311-Department Stores	Recycling Remainder/composite plastic	180	17,598.21		Plastic	0.125lbs/unit	UCLA /jh	8.80	(Plastic, hangers (w/metal hook) each=0.125) X 0.125lbs/unit X 2700units/wk X 52.1428571428571 = 17598.2142857143 lb/yr
609	R5	5311-Department Stores	Recycling Other	180	4.17		Other	1lbs/unit		0.00	(Wood Waste @ 4 lb/yr) X 1lbs/unit X 0.08units/wk X 52.1428571428571 = 4.17142857142857 lb/yr
610	R5	5311-Department Stores	Recycling Other	180	140,525.00		Other	1lbs/unit		70.26	(Plastic bag @ 7 lb/ea.) X 1lbs/unit X 269units/wk X 52.1428571428571 = 140525 lb/yr
611	R5	5311-Department Stores	Reuse Wood pallets	180	5005.71		Pallets	40lbs/unit/5	USEPA	2.50	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12units/wk X 52.1428571428571 = 5005.71428571429 lb/yr
612	R5	5311-Department Stores	Recycling Uncoated corrugated cardboard	180	703,928.57		Paper	900lbs/unit	USEPA	351.96	(OC, bale (large) 1 cubic yard=900) X 900lbs/unit X 15units/wk X 52.1428571428571 = 703928.571428571 lb/yr
613	R5	5311-Department Stores	Reuse Misc. plastic containers	180	49.01		Plastic	1lbs/unit		0.02	(* Pounds=1) X 1lbs/unit X 0.94units/wk X 52.1428571428571 = 49.0142857142857 lb/yr
614	R5	5311-Department Stores	Recycling Other	180	247.68		Other	1lbs/unit		0.12	(Metal Fixtures @ 25/lb/ea.) X 1lbs/unit X 4.75units/wk X 52.1428571428571 = 247.678571428571 lb/yr

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615	R5	5311-Department Stores	Reuse Office white ledger	180	424.96	Paper	5lbs/unit	USEPA	0.21	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1.63units/wk X 52.1428571428571 = 424.96285714286 lb/yr
616	R5	5311-Department Stores	Recycling Durable plastic items	180	9.91	Plastic	1.9lbs/unit	USEPA	0.00	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.1units/wk X 52.1428571428571 = 9.90714285714286 lb/yr
617	R5	5311-Department Stores	Reuse Misc. plastic containers	180	763.87	Plastic	0.42lbs/unit	USEPA	0.38	(* Plastic, 1 gallon container - mayo 1 gallon each=0.42) X 0.42lbs/unit X 34.88units/wk X 52.1428571428571 = 763.872 lb/yr
618	R5	5311-Department Stores	Recycling Remainder/composite plastic	180	3,432.83	Plastic	6.27lbs/unit	Tellus	1.72	(* Styrofoam kernels 1 cubic yard=6.27) X 6.27lbs/unit X 10.5units/wk X 52.1428571428571 = 3432.835 lb/yr
619	R5	5311-Department Stores	Recycling Other	180	258.107.14	Other	1lbs/unit			(Metal Bars @ 15 lb/ea.) X 1lbs/unit X 4950units/wk X 52.1428571428571 = 258107.1428571428571 lb/yr
732	S6	4900-Electric, gas, and sanitary services	Reuse Uncoated corrugated cardboard	2500	33090.48	Paper	2.2lbs/unit	USEPA	16.55	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 288.46units/wk X 52.1428571428571 = 33090.4828571429 lb/yr
733	S6	4900-Electric, gas, and sanitary services	Recycling Other	2500	2,406.39	Other	1lbs/unit			(Scrap Wood) X 1lbs/unit X 46.15units/wk X 52.1428571428571 = 2406.39285714286 lb/yr
735	S6	4900-Electric, gas, and sanitary services	Recycling Other miscellaneous paper	2500	1,150,636.43	Paper	1lbs/unit			(* Pounds=1) X 1lbs/unit X 22067units/wk X 52.1428571428571 = 1150636.42857143 lb/yr
62	B4	5400-Food stores	Scavenging Plastic pallets	40	45,885.71	Pallets	40lbs/unit	USEPA	22.94	(* Plastic, pallet, 48" x 48" each=40) X 40lbs/unit X 220units/wk X 52.1428571428571 = 45885.7142857143 lb/yr
63	B4	5400-Food stores	Reuse Magazines and catalogs	40	1564.29	Paper	3lbs/unit	USEPA	0.78	(* Magazines, 8.5" x 11" 10 units=3) X 3lbs/unit X 10units/wk X 52.1428571428571 = 1564.28571428571 lb/yr
64	B4	5400-Food stores	Reuse Newspaper	40	1095.00	Paper	1lbs/unit	Audit Wks.	0.55	(Newspapers each=1) X 1lbs/unit X 21units/wk X 52.1428571428571 = 1095 lb/yr
65	B4	5400-Food stores	Source reduction Uncoated corrugated cardboard	40	9980.14	Paper	2.2lbs/unit	USEPA	4.99	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 87units/wk X 52.1428571428571 = 9980.14285714286 lb/yr
66	B4	5400-Food stores	Recycling Uncoated corrugated cardboard	40	1,079,357.14	Paper	900lbs/unit	USEPA	539.68	(OCC, bale (large) 1 cubic yard=900) X 900lbs/unit X 28units/wk X 52.1428571428571 = 1079357.1428571428571 lb/yr
67	B4	5400-Food stores	Scavenging Wood pallets	40	271,142.86	Pallets	40lbs/unit	USEPA	135.57	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 130units/wk X 52.1428571428571 = 271142.8571428571 lb/yr

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REF#	Business	Activity	Waste	Sh	Unit	Conversion Factor	Source	Units	Value
11	5200-Building materials & garden supplies	Recycling Other	4	72,479	Other	Ibs/unit		0.036	(Plastic Trays reused @ 0.2 lb/ray X X 110s/unit X .39units/wk X 52.1428571428571 = 72.4785714285714 lb/yr
2	5800-Eating and drinking places	Recycling Wood pallets		7,988,296	Pallets	40lbs/unit	USEPA	3,994	(* Pallet, wood versus plastic average 48" x 48" wood each=40" X 40lbs/unit X 3.83units/wk X 52.1428571428571 7988.28571428571 lb/yr
2	5800-Eating and drinking places	Recycling Food	75	116,539,296	Organic	7.45lbs/unit	USEPA	58,270	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 300units/wk X 52.1428571428571 = 116539.285714296 lb/yr
2	5800-Eating and drinking places	Recycling Uncalated corrugated cardboard		9,400,731	Paper	50.08lbs/unit	Tellus	4,700	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3.6units/wk X 52.1428571428571 = 94,000.73142857143 lb/yr
2	5800-Eating and drinking places	Reuse Office white ledger	260,714		Paper	5lbs/unit	USEPA	0.130	(* White Ledger #20" x 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X units/wk X 52.1428571428571 = 260,714285714296 lb/yr
2	5800-Eating and drinking places	Recycling Wood pallets		2,085,714	Pallets	40lbs/unit	USEPA	1,043	(* Pallet, wood versus plastic average 48" x 48" wood each=40" X 40lbs/unit X 1units/wk X 52.1428571428571 = 2085.71428571429 lb/yr
A02	7300-Business services	Reuse Uncoated corrugated cardboard	3	630,929	Paper	2.2lbs/unit	USEPA	0.315	(* OCC, box, medium 24" x 24" x 30" each=2.2) X 2.2lbs/unit X 5.5units/wk X 52.1428571428571 = 630,928571428572 lb/yr
2	5800-Eating and drinking places	Reuse Wood pallets		5,214,296	Pallets	40lbs/unit/5	USEPA	2,807	(* Pallet, wood versus plastic average 48" x 48" wood each=40" X 40lbs/unit/5 X 12.5units/wk X 52.1428571428571 = 5214.28571428571 lb/yr
A03	7300-Business services	Reuse Office white ledger	12	59,964	Other	1lbs/unit	USEPA	0.030	(* Pallet, wood versus plastic average 48" x 48" wood each=40" X 40lbs/unit/5 X 0.57units/wk X 52.1428571428571 = 237.771428571428571 lb/yr
A03	7300-Business services	Recycling Other		0.000	Paper	40lbs/unit/5	USEPA	0.000	(* Pounds=1) X 1lbs/unit X 5.81units/wk X 52.1428571428571 = 302.95 lb/yr
	3500-Industrial machinery and equipment	Reuse Uncoated corrugated cardboard		237,771	Pallets	1lbs/unit		0.119	

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REF#	Business Type	Address	Employees	\$/hr	RC	CMP	Glass	Corrugated	Plastic	Spill/Refuse	Diverts	TOTAL	Calcs
A05	3500-Industrial machinery and equipment 3900-Miscellaneous manufacturing industries	Reuse Film plastic Recycling Other	5	60,486 0.000			Plastic Other	1lbs/unit 1lbs/unit			0.030 0.000	0.301 0.000	(Pounds=1) X 1lbs/unit X 1.16units/wk X 52.1428571428571 = 160.4857142857143 lb/yr
A06	48700-Engineering & management services	Recycling Office white ledger	40	299,821			Paper	5lbs/unit				0.150	0.150 (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1.15units/wk X 52.1428571428571 = 129 lb/yr
A07	5000-Wholesale trade-durable goods	Scavenging Wood pallets	5	96,985.714			Pallets	40lbs/unit					(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 46.5units/wk X 52.1428571428571 = 17143 lb/yr
A08	3600-Electronic & other electric equipment	Reuse Uncoated corrugated cardboard	5	803,000			Paper	2.2lbs/unit				48.493	48.493 (* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 7units/wk X 310units/wk X 46.6units/wk X 52.1428571428571 = 803 lb/yr
A09	3600-Electronic & other electric equipment	Reuse Remainder/composite plastic	65,074				Plastic	3lbs/unit				0.033	65.07428571428571 = (* Plastic, bubble wrap 33 gallons=3) X 310units/wk X 0.416units/wk X 52.1428571428571 = 1803 lb/yr
B1	5800-Eating and drinking places	Reuse Office white ledger	10,429				Paper	5lbs/unit				0.005	0.439 (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.04units/wk X 52.1428571428571 = 50lb/yr
B2	5800-Eating and drinking places	Recycling Uncarded corrugated cardboard	8.5	48,127.857			Paper	50lbs/unit				24.064	24.064 (* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 18.46units/wk X 52.1428571428571 = 48127.8571428572 lb/yr
B3	7500-Auto repair, services, and parking	Scavenging Wood pallets		14,600,000			Pallets	40lbs/unit					31,364.82 (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7units/wk X 52.1428571428571 = 14600 lb/yr
B4	7900-Amusement & recreation services	Recycling Food	16.5	3,848.143			Organic	410lbs/unit				1.924	1.924 (* Fats, solid/liquid (cooking oil) 55 gallon drum=4.10) X 410lbs/unit X 0.18units/wk X 52.1428571428571 = 3848.142857142856 lb/yr
B5	5800-Eating and drinking places	Reuse Food	260,714				Organic	1lbs/unit				0.130	0.130 (* Glass, salad dressing bottle each=0.6) X 0.6lb/unit X 12units/wk X 52.1428571428571 = 72.242 lb/yr
B6	5800-Eating and drinking places	Recycling Clear glass bottles and containers		375,429			Glass	0.6lbs/unit				0.188	0.188 (* Glass, food container each=0.6) X 0.6lb/unit X 12units/wk X 52.1428571428571 = 1668.57142857143 lb/yr
B7	7900-Amusement & recreation services	Reuse Wood pallets	77.5	1,668.571			Pallets	40lbs/unit/5				0.834	0.834

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	Business Type	Business ID	Business Name	Address	City	State	Zip	RC	CMP	CMP	Office/Coat	Source	Days	Total	Comments
B1	7900-Amusement & recreation services	312.857	Reuse Magazines and catalogs					Paper	3lbs/unit	USEPA	0.156	(* Magazines, 8.5" x 11" 10 units=3) X 3lbs/unit X 2 units/wk X 52.1428571428571 = 312.857142857143 lb/yr			
B2	7900-Amusement & recreation services	26.384	Reuse Uncoated corrugated cardboard					Paper	2.2lbs/unit	USEPA	0.013	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 0.23units/wk X 52.1428571428571 = 26.38428571428571 lb/yr (* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 0.23units/wk X 30.68units/wk X 52.1428571428571 =			
B3	5200-Building materials & garden supplies	1,599.743	Reuse Other					Other	1lbs/unit		0.800	1.804 1599.74285714286 lb/yr			
B4	5400-Food stores	43	Scavenging Wood pallets					Pallets	40lbs/unit	USEPA	3.629	(* Plastic, pallet, 48" x 48" each=20) X 40lbs/unit X 22units/wk X 52.1428571428571 = 3.629 725.828571428571 lb/yr			
B5	5400-Food stores	40	Scavenging Plastic pallets					Pallets	40lbs/unit	USEPA	22.943	(* Plastic, pallet, 48" x 48" each=20) X 40lbs/unit X 22units/wk X 52.1428571428571 = 45.885.7142857143 lb/yr			
B6	5400-Food stores	1,564.286	Reuse Magazines and catalogs					Paper	3lbs/unit	USEPA	0.782	(* Magazines, 8.5" x 11" 10 units=3) X 3lbs/unit X 10units/wk X 52.1428571428571 = 1564.28571428571 lb/yr (* Newspapers, each=1) X 11lbs/unit X 21units/wk X 32.1428571428571 = 1095 lb/yr			
B7	5400-Food stores	1,095.000	Reuse Newspaper					Paper	1lbs/unit	Org. audit ws.	0.548	(* Plastic, pallet, 48" x 48" each=20) X 40lbs/unit X 11units/wk X 52.1428571428571 = 1095 1095 lb/yr			
B8	5400-Food stores	9,980.143	Source reduction Uncrated corrugated cardboard					Paper	2.2lbs/unit	USEPA	4.990	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 87units/wk X 52.1428571428571 = 9980.14285714286 lb/yr			
B9	5400-Food stores	1,079.357.143	Recycling Uncrated corrugated cardboard					Paper	900lbs/unit	USEPA	539.679	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 87units/wk X 52.1428571428571 = 1079357.14285714 lb/yr (* Plastic, pallet, 48" x 48" each=20) X 40lbs/unit X 130units/wk X 52.1428571428571 =			
B10	5400-Food stores	271.142.857	Scavenging Wood pallets					Pallets	40lbs/unit	USEPA	135.571	(* Plastic, pallet, 48" x 48" each=20) X 40lbs/unit X 11units/wk X 52.1428571428571 = 135.571 704.513.271.142.857 lb/yr			
B11	5600-Apparel and accessory stores	3.5	Reuse Textiles					Organic	1lbs/unit		0.030	0.030 1.15units/wk X 52.1428571428571 = 1.15.96428571428571 lb/yr			
B12	5400-Food stores	45	Recycling Uncrated corrugated cardboard					Paper	900lbs/unit	USEPA	129.054	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 87units/wk X 52.1428571428571 = 129.054 283.07.142.857.143 lb/yr			
B13	5400-Food stores	146,000.000	Scavenging Wood pallets					Pallets	40lbs/unit	USEPA	73.000	(* Plastic, pallet, 48" x 48" each=20) X 40lbs/unit X 70units/wk X 52.1428571428571 = 146,000 lb/yr			

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REF#	Act/Dec	Item#	SR	Temp	RC	CMP	Class	Convection Factor	SOURCE	Units	Total	Notes
3200-Stone, clay, and glass products		969.857			Pallets	40lbs/unit	USEPA	0.485	0.485	369.8571428571 lb/yr	(* Plastic, bubble wrap .33 gallons=3) X 40lbs/unit X 0.465units/wk X 52.1428571428571 =	
7500-Auto repair services, and parking		51.621			Plastic	3lbs/unit	USEPA	0.026	0.026	1.428571428571 lb/yr	(* Plastic, bubble wrap .33 gallons=3) X 3lbs/unit X 0.33units/wk X 51.621428571428571 =	
7500-Auto repair services, and parking		1.433.929			Paper	2.2lbs/unit	USEPA	0.717	0.743	1.433.928571428571 lb/yr	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 12.5units/wk X 52.1428571428571 =	
7500-Auto repair services, and parking		45.5			Paper	5lbs/unit	USEPA	0.125	0.125	5.625lb/yr	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.958units/wk X 52.1428571428571 = 249.7642857142856 lb/yr	
7300-Business services		249.764			Paper	1lbs/unit		2.000	2.125	499.5371428571 lb/yr	(* Pounds=1) X 1lbs/unit X 76.71units/wk X 52.1428571428571 =	
7300-Business services		3.999.879			Paper	1lbs/unit				3999.8791428571 lb/yr	(* Plastic, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 17.26units/wk X 52.1428571428571 =	
7300-Business services		7.199.886			Pallets	40lbs/unit/5	USEPA	3.600	3.600	25.9971428571428571 lb/yr	(* Plastic, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 5.5units/wk X 52.1428571428571 =	
1700-Special trade contractors		20			Pallets	40lbs/unit	USEPA	5.736	5.736	114.71428571428571 lb/yr	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 34.88units/wk X 52.1428571428571 =	
5800-Eating and drinking places		32.5			Pallets	11.471.429				38.4437571428571428571 lb/yr	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 34.88units/wk X 52.1428571428571 =	
5800-Eating and drinking places		13.549.654			Organic	7.45lbs/unit	USEPA	6.775	12.511	84.9937571428571428571 lb/yr	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 34.88units/wk X 52.1428571428571 =	
5800-Eating and drinking places		2			Paper	1.1lbs/unit	USEPA	0.287	0.287	0.57571428571428571 lb/yr	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 34.88units/wk X 52.1428571428571 =	
5800-Eating and drinking places		573.571								21.378.571428571428571 lb/yr	(* Plastic, 1 gallon HDPE jug 1 gallon each=0.33) X 0.33/10bs/unit X 52.1428571428571 = 21.378.571428571428571 lb/yr	
5800-Eating and drinking places		344.143			Plastic	0.33lbs/unit	USEPA	0.172	0.172	61.148344.1428571428571 lb/yr	(* Plastic, 1 gallon HDPE jug 1 gallon each=0.33) X 0.33/10bs/unit X 52.1428571428571 = 61.148344.1428571428571 lb/yr	

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	REF#	Business Type	Address	End SR	RC	CAP	Class	Conversion Factor	SQFT	DWTS	TONS	TONS
C10	7300-Business services	Reuse Office white ledger	2	59,964	0.000	Paper	5lbs/unit	11lbs/unit	USEPA	0.030	0.000	0.000
C11	7500-Auto repair, services, and parking	Recycling Other	10			Other						
C12	5800-Eating and drinking places	Recycling HDPE containers	31	207,529		Plastic	11lbs/unit		USEPA	0.104		
	5800-Eating and drinking places	Recycling Food		36,496,220		Organic	7.45lbs/unit		USEPA	18,248		
	5800-Eating and drinking places	Reuse Wood pallets		834,286		Pallets	40lbs/unit/5		USEPA	0.417		
	5800-Eating and drinking places	Reuse Office white ledger	151,214			Paper	5lbs/unit		USEPA	0.076		
	5800-Eating and drinking places	Reuse Uncoated corrugated cardboard	53,342			Paper	2.2lbs/unit		USEPA	0.027		
	5800-Eating and drinking places	Scavenging Durable plastic items		4,692,857		Plastic	11lbs/unit		USEPA	2.346		
	5800-Eating and drinking places	Reuse Office white ledger	4	15,121		Paper	5lbs/unit		USEPA	0.008		
	5900-Miscellaneous retail	Scavenging Uncoated corrugated cardboard	5,5			Paper	2.2lbs/unit		USEPA	0.860		
C13	5500-Automotive dealers & service stations	Recycling Newspaper	2.5		365,000	Paper	11lbs/unit		Orig. audit wks.	0.183		
C14	5500-Automotive dealers & service stations	Recycling Other		119,929		Other	11lbs/unit			0.060		
C15	7500-Auto repair, services, and parking	Reuse Office white ledger		59,964		Paper	5lbs/unit		USEPA	0.030		
	7500-Auto repair, services, and parking	Reuse Office white ledger										

(* White Ledger #20, 8.5" x 11" 1
ream (500 sheets)=5) X 5lbs/unit X
0.23units/wk X 52.1428571428571 =
0.030 X 59.96428571428571 =
20.71428571428571 lbs/yr

(* Pounds=1) X 11lbs/unit X
3.98units/wk X 52.1428571428571 =
(* Fats, solid/liquid (cooking oil) 1
gallon=7.45) X 7.45lbs/unit X
93.95units/wk X 52.1428571428571 =
36496.21996428571 lbs/yr
(* Pallet, wood versus plastic
average 48" x 48" wood each=40) X
40lbs/unit/5 X 2units/wk X
52.1428571428571 =
834.285714285714 lbs/yr

(* White Ledger #20, 8.5" x 11" 1
ream (500 sheets)=5) X 5lbs/unit X
0.58units/wk X 52.1428571428571 =
151.214285714286 lbs/yr

(* OCC, box, medium 24" x 24" x 30"
sach=2.2) X 2.2lbs/unit X
0.465units/wk X 52.1428571428571 =
(* Pounds="1) X 115s/unit X
90units/wk X 52.1428571428571 =
151.214285714286 lbs/yr

(* OCC, box, medium 24" x 24" x 30"
each=2.2) X 2.2lbs/unit X 15units/wk
X 52.1428571428571 =
(* Newspapers each=1) X 5lbs/unit X
0.05units/wk X 52.1428571428571 =
15.1214285714286 lbs/yr

(* Lead wheel Weight) X 1lbs/unit X
2.3units/wk X 52.1428571428571 =
119.9285714285711 lbs/yr

(* White Ledger #20, 8.5" x 11" 1
ream (500 sheets)=5) X 5lbs/unit X
0.23units/wk X 52.1428571428571 =
59.96428571428571 lbs/yr

(*) White Ledger #20, 8.5" x 11" 1
ream (500 sheets)=5) X 5lbs/unit X
0.2722 X 59.96428571428571 =
0.2722 lbs/yr

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Ref #	Bus Type	Address	Phone	Ext.	RC	CMP	Unit	Business Name	Source	Divs	Total	Comments
C16	5400-Food stores	Reuse Uncoated corrugated cardboard	3	573.571	Paper	2.2lbs/unit	USEPA	0.287	0.287	0.287	0.287	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 5units/wk X 52.1428571428571 = 573.571428571429 lb/yr
C17	7542-Carwashes	Reuse Durable plastic items	16	114.923	Plastic	1.9lbs/unit	USEPA	0.057				(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 1.1feunits/wk X 52.1428571428571 = 114.9222857142857 lb/yr
	7542-Carwashes	Reuse Durable plastic items		818.121	Plastic	15lbs/unit	UCLA/rs	0.409	0.467	0.467	0.467	(* 55 gallon drums, plastic each=15) X 15lbs/unit X 1.04bunis/wk X 52.1428571428571 = 818.121428571429 lb/yr
C18	6500-Real estate	Reuse Office white ledger	2	86.036	Paper	5lbs/unit	USEPA	0.043	0.043	0.043	0.043	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.35units/wk X 52.1428571428571 = 180.357.142857143 lb/yr
D1	5100-Wholesale trade-nondurable goods	Recycling Food	12.5	130.357.143	Organic	1lbs/unit		65.179				(* Pallet, wood Versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 23.26units/wk X 52.1428571428571 = 495.137.142857143 lb/yr
	5100-Wholesale trade-nondurable goods	Scavenging Wood pallets		48,513.714	Pallets	40lbs/unit	USEPA	24.257	89.435	89.435	89.435	(* Pallet, wood Versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 23.26units/wk X 52.1428571428571 = 495.137.142857143 lb/yr
D2	5300-General merchandise stores	Recycling Uncoated corrugated cardboard	5.75	6,882.857	Paper	2.2lbs/unit	USEPA	3.441	3.441	3.441	3.441	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 60units/wk X 52.14285714285714 lb/yr
D3	8200-Educational services	Reuse Prunings and trimmings	40	22,525.714	Organic	108lbs/unit	USEPA	11.263				(* Yard Trims, mixed "T" cubic yard=108) X 108lbs/unit X 4units/wk X 52.14285714285714 lb/yr = 225.25.7142857143 lb/yr
	8200-Educational services	Reuse Office white ledger		359.786	Paper	5lbs/unit	USEPA	0.180	11.443	11.443	11.443	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.019units/wk X 52.1428571428571 = 4.985357142857143 lb/yr
D4	8700-Engineering & management services	Reuse Office white ledger	2.5	4.954	Paper	2.2lbs/unit	USEPA	0.002	0.002	0.002	0.002	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 250units/wk X 52.1428571428571 = 28678.37142857143 lb/yr
D5	2700-Printing and publishing	Reuse Uncoated corrugated cardboard	4	28,678.571	Paper	2.2lbs/unit	USEPA	14.399				

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REF#	Business Type	Address	Year	SR	RC	CMP	Class	Connection Fees	Sales	Diverts	Total	Cap.
D6	5411-Grocery Stores	35.5		10,428.571	Other	1lbs/unit			5.214			(OCC w/ Wax) X 1lbs/unit X 200units/wk X 52.1428571428571 = 10428.5714285714 lb/yr
	Recycling Other				Other	1lbs/unit				2.607		(Wood Boxes returned) X 1lbs/unit X 100units/wk X 52.1428571428571 = 5214.28571428571 lb/yr
	Reuse Other	5,214.296			Paper	1lbs/unit			20.857			(* Pounds=1) X 1lbs/unit X 800units/wk X 52.1428571428571 lb/yr
	Recycling Uncoated corrugated cardboard	41,714.286			Plastic	0.33lbs/unit	USEPA	0.060				(* Plastic, 1 gallon HDPE Jug 1 gallon each=0.33) X 0.33lbs/unit X 7units/wk X 52.1428571428571 = 120.45 lb/yr
	Reuse HDPE containers	44	120.450		Pallets	40lbs/unit	USEPA	4.693				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 4.5units/wk X 52.1428571428571 = 9385.71428571428571 lb/yr
	5812-Eating places			9,385.714	Plastic	0.42lbs/unit	USEPA	0.120				(* Plastic, 1 gallon container - mayo 1 gallon each=0.42) X 0.42lbs/unit X 11units/wk X 52.1428571428571 = 4,874.9 lb/yr
	Recycling Wood pallets			240.900								(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 8.75units/wk X 52.1428571428571 = 1003.75 lb/yr
	Reuse Misc. plastic containers			1,003.750	Paper	2.2lbs/unit	USEPA	0.502				(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 46.97units/wk X 52.1428571428571 = 18246.1675 lb/yr
	Recycling Uncoated corrugated cardboard	10			Organic	7.45lbs/unit	USEPA	9.123				(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.86units/wk X 52.1428571428571 = 85.20142857142856 lb/yr
	5812-Eating places			18,246.168	Plastic	1.9lbs/unit	USEPA	0.043				(* White Ledger #20" x 11" x 1" ream 500 sheets)=5 X 5lbs/unit X 7units/wk X 52.1428571428571 = 1825 lb/yr
	Recycling Food				Paper	5lbs/unit	USEPA	0.913				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 1.11units/wk X 52.1428571428571 = 2318.142857142856 lb/yr
	Reuse Durable plastic items	130.5	85.201		Pallets	40lbs/unit	USEPA	1.158				(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 25units/wk X 52.1428571428571 = 286.85714285714 lb/yr
	Recycling Office white ledger			1,825.000								
	Scavenging Wood pallets	2,315.143			Paper	2.2lbs/unit	USEPA	1.434				
	Reuse Uncoated corrugated cardboard	2,867.857										
	8200-Educational services											
D9	8200-Educational services											
	8200-Educational services											

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Activity	Item	Category	Class	Conversion Factor	Source	Unit	Quantity	Total
8210-Educational services	Reuse Office white ledger	Office paper	Paper	5lbs/unit	USEPA	0.030		
D10 4783-Packing and Crating	Reuse Remained/composite plastic	Plastic	2.5lbs/unit	USEPA	0.053			
4783-Packing and Crating	Recycling Other office paper	Paper	8lbs/unit	USEPA	0.161			
4783-Packing and Crating	Recycling Tires	Special Waste	20lbs/unit	USEPA	0.725			
4783-Packing and Crating	Reuse Tires	Special Waste	20lbs/unit	USEPA	1.815			
4783-Packing and Crating	Source reduction HDPE containers	Plastic	0.31lbs/unit	USEPA	0.030			
4783-Packing and Crating	Reuse Office white ledger	Paper	5lbs/unit	USEPA	0.636			
4783-Packing and Crating	Reuse Batteries	H-HW	35lbs/unit	USEPA	2.117			
4783-Packing and Crating	Recycling Other office paper	Paper	363.51lbs/unit	CiWMB Density Tables	0.540			
E1 6081-Branches and Agencies of Foreign Banks	Reuse Office white ledger	Paper	5lbs/unit	USEPA	0.302			
E3 8211-Elementary and Secondary Schools	Recycling Uncoated corrugated cardboard	Paper	50lbs/unit	USEPA	1.955			
E4 8211-Elementary and Secondary Schools	Reuse Office white ledger	Paper	5lbs/unit	USEPA	0.261			

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REF#	Business Type	Category	Sub Category	Class	Quantity	Source	Units	Cost
8211-Elementary and Secondary Schools	Reuse Durable plastic items	6,935	Plastic	1.9lbs/unit	USEPA	0.003	(Plastic, bucket w/meta handle 5 gallons each=1.9) X 1.9lbs/unit X 0.07units/wk X 52.1428571428571 = 6,935 lb/yr	
8211-Elementary and Secondary Schools	Reuse Other	249,764	Other	1lbs/unit		0.125	(Plastic chair (10 lbs/sach) X 1lbs/unit X 4.79units/wk X 52.1428571428571 = 249,764285714286 lb/yr	
8211-Elementary and Secondary Schools	Scavenging Uncoated corrugated cardboard	2,638,429	Paper	2.2lbs/unit	USEPA	1.318	(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 23units/wk X 52.1428571428571 = 2638,428571428571 lb/yr	
E5 2386-Leather and sheep-skin clothing	Reuse Office white ledger	1,042,857	Paper	5lbs/unit	USEPA	0.521	(* White ledger #20, 8.5" X 11" 500 sheets)=5 X 5lbs/unit X 4units/wk X 52.1428571428571 = 2,230,1042.85714285714 lb/yr	
E5 2386-Leather and sheep-skin clothing	Recycling Other	3	Other	1lbs/unit		0.000	0.000	
E6 2300-Apparel and other textile products	Recycling Uncoated corrugated cardboard	20	Paper	2.2lbs/unit	USEPA	1.577	(* OCC, box, small 12"X12"X15" each=1.1) X 1.1lbs/unit X 100units/wk X 52.1428571428571 = 5735,714285714286 lb/yr	
E7 5100-Wholesale trade-nondurable goods	Recycling Uncoated corrugated cardboard	25	Paper	1.1lbs/unit	USEPA	2.868	(* Parallel, wood versus plastic average 48" x 48" wood each=40) X 40units/5 X 20units/wk X 52.1428571428571 = 5,735,714285714 lb/yr	
F1 5300-General merchandise stores	Reuse Wood pallets	8,342,857	Pallets	40lbs/unit/5	USEPA	4.171	7,039,8342.85714285714 lb/yr	
F1 5300-General merchandise stores	Reuse Remainder/composite plastic	15,5	Plastic	2.5lbs/unit	USEPA	0.005	(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.07units/wk X 52.1428571428571 = 0.005,005 lb/yr	
F2 6022-State Commercial Banks	Recycling Uncocated corrugated cardboard	48	Paper	2.2lbs/unit	USEPA	0.688	(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 12units/wk X 52.1428571428571 = 1376,57142857143 lb/yr	
F2 6022-State Commercial Banks	Recycling Phone books and directories	4,499,929	Paper	5lbs/unit	USEPA	2.250	(* White Ledger #20, 8.5" X 11" 1ream (500 sheets)=5 X 5lbs/unit X 17.2units/wk X 52.1428571428571 = 4499,928571428571 lb/yr	
F3 5015-Motor vehicle parts, used	Reuse Uncoated corrugated cardboard	1	Paper	4lbs/unit	USEPA	0.014	(* OCC, box, small 12"X12"X15" each=1.1) X 1.1lbs/unit X 20units/wk X 52.14285714286 lb/yr	
F4 7216-Drycleaning plants, except rug	Recycling Other	3	Other	1lbs/unit	USEPA	0.574	1147,14285714286 lb/yr	
F4 7216-Drycleaning plants, except rug	Reuse Other	0.000		0.000		0.000		

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REF#	BUS TYPE	ACTIVITY	AMT	SR	SG	CAP	CASE	CONTAINER	SOURCE	DRYTONS	TOTAL	
5912-Drug Stores and Proprietary Stores	Recycling Uncoated corrugated cardboard	286.786	Paper	1.1lbs/unit	USEPA	0.143	0.287	(* OCC, box, small 12"x12"x15"	X 5units/wk	X each=1.) X 1.1lbs/unit X 5units/wk	X 52.1428571428571 =	
G5	5182-Wine and distilled beverages	834.285.714	Pallets	40lbs/unit	USEPA	417.143	834.285.71428571 =	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 400units/wk X	52.1428571428571 =	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 400units/wk X	X 52.1428571428571 =	
5182-Wine and distilled beverages	Scavenging Wood pallets	25	Paper	50lbs/unit	USEPA	18.250	834.285.71428571 =	(* OCC, stacked "cubic yard=50") X 50lbs/unit X 14units/wk X	52.1428571428571 =	(* OCC, stacked "cubic yard=50") X 50lbs/unit X 14units/wk X	X 52.1428571428571 =	
G6	5941-Sporting goods and bicycle shops	36,500.000	Pallets	40lbs/unit	USEPA	1.210	834.285.71428571 =	52.1428571428571 =	1.210	52.1428571428571 =	36500 lb/yr	
G7	2752-Commercial printing, lithographic	2,419.429	Pallets	40lbs/unit	USEPA	0.605	834.285.71428571 =	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.58units/wk X	52.1428571428571 =	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.58units/wk X	X 52.1428571428571 =	
G8	3069-Fabricated rubber products, n.e.c.	1,333.783	Paper	2.2lbs/unit	USEPA	0.667	1209.71428571428571 =	(* OCC, box, medium 24"x24"x30"	X 11.62units/wk X	(* OCC, box, medium 24"x24"x30"	X 11.62units/wk X	
G9	3069-Fabricated rubber products, n.e.c.	430.179	Paper	1.1lbs/unit	USEPA	0.215	1209.71428571428571 =	X each=2.2) X 2.2lbs/unit X	X each=1.1) X 1.1lbs/unit X	1209.71428571428571 =	X each=2.2) X 2.2lbs/unit X	
G10	3577-Computer peripheral equipment, n.e.c.	2,182.700	Paper	4lbs/unit	USEPA	1.091	1209.71428571428571 =	(* OCC, box, large 48"x48"x60"	X 10.46units/wk X	1.306	(* OCC, box, large 48"x48"x60"	X 10.46units/wk X
G10	3577-Computer peripheral equipment, n.e.c.	0.000	Other	11lbs/unit	USEPA	0.000	1209.71428571428571 =	X 4lbs/unit X	X 0.12units/wk X	0.000	X 4lbs/unit X	X 0.12units/wk X
G10	3577-Computer peripheral equipment, n.e.c.	250.286	Pallets	40lbs/unit	USEPA	0.125	1209.71428571428571 =	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.12units/wk X	52.1428571428571 =	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.12units/wk X	X 52.1428571428571 =	
G10	3577-Computer peripheral equipment, n.e.c.	5,335.361	Paper	2.2lbs/unit	USEPA	2.668	1209.71428571428571 =	5335.361428571428571 =	5335.361428571428571 =	5335.361428571428571 =	5335.361428571428571 =	
	Reuse Uncoated corrugated cardboard	1,137.267	Paper	363.51lbs/unit	Tellus	0.569	1137.267	(* White Ledger w/o CPO, loose 1 cubic yard=363.51) X 363.51lbs/unit X 0.06units/wk X 52.1428571428571 =	3.361	3.361	3.361	
	Reuse Office white ledger											

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REF#	Business Type	Business ID	Act Desc	PC	CHP	Class	Source	D/Tons	TOTAL
7538	General automotive repair shops	7538	Recycling Tires	12		46,503.286			
7538	General automotive repair shops	7538	Reuse Office white ledger			122,536			
312	Business services	312	Recycling Other			18		0.000	
513	4121-Taxis/cabs	513	Recycling Other			29		0.000	
5600	-Apparel and accessory stores	5600-H1	Reuse Film plastic	3		9,386			
2700	Printing and publishing	5731	Scavenging Uncolated corrugated cardboard			4,847,200			
5731	Radio, TV, & electronic stores	H3	Scavenging Wood pallets			4,171,479			
5735	Record & prerecorded tape stores	H4	Reuse Uncoated corrugated cardboard			17.5		0.000	
5735	Record & prerecorded tape stores	H5	Reuse Magazines and catalogs			344,143			
8221	Colleges, Universities and Professional Schools	H6	Reuse Remainder/composite plastic			43,800			
8221	Colleges, Universities and Professional Schools		Recycling Office white ledger			26,155			
8221	Colleges, Universities and Professional Schools		Recycling Uncoated corrugated cardboard			50		727,333	
						9,700,637			4,850

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REF#	Business Type	Address	Emp.	SR	RC	CPS	CPS	Conversion Factor	SOURCE	Units	Total
8221-Colleges, Universities and Professional Schools	Reuse Durable plastic items	34.477							USEPA	0.017	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.348units/wk X 52.1428571428571 = 34.4768571428571 b/yr
8221-Colleges, Universities and Professional Schools	Reuse Remainder/composite plastic	75.607							USEPA	0.038	(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.58units/wk X 52.1428571428571 =
H7	7360-Business services	12	260.714						Orig. audit ws.	0.130	(Newspapers each=1) X 1lbs/unit X 5units/wk X 52.1428571428571 =
H8	2033-Canned fruits and vegetables	22	119.929						Paper	1lbs/unit	(* Pounds=1) X 1lbs/unit X 2.3units/wk X 52.1428571428571 =
	Reuse Newspaper								Paper	1lbs/unit	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 0.56units/wk X 52.1428571428571 b/yr
	Reuse Wood pallets		3,996.229						Pallets	40lbs/unit/5	(* Pounds=1) X 1lbs/unit X 9.58units/wk X 52.1428571428571 =
	Recycling Office white ledger		499.529						Paper	1lbs/unit	(* Pounds=1) X 1lbs/unit X 28.76units/wk X 52.1428571428571 =
	Recycling Uncoated corrugated cardboard		1,499.639						Paper	1lbs/unit	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 1.9units/wk X 52.1428571428571 =
	Recycling Wood pallets		3,962.857						Pallets	40lbs/unit	(* Pounds=1) X 1.185units/wk X 52.1428571428571 =
	Reuse Remainder/composite organic	6.5	380.434						Organic	1.9lbs/unit	(Loafers (men's) Mens pair Shoes=1.9) X 1.9lbs/unit X 3.84units/wk X 52.1428571428571 =
H9	5139-Footwear		108.979						Paper	1.1lbs/unit	(* OCC, box, small 12"X12"X15" each=1.1) X 1.1lbs/unit X 1.9units/wk X 52.1428571428571 =
	Reuse Uncoated corrugated cardboard		108.979						USEPA	0.054	(* OCC, box, small 12"X12"X15" each=1.1) X 1.1lbs/unit X 1.9units/wk X 52.1428571428571 =
	Recycling Uncoated corrugated cardboard		108.979						Paper	1.1lbs/unit	(* White Ledger #20 8.5" x 11" 1 rear (500 sheets)=5) X 5lbs/unit X 0.19units/wk X 52.1428571428571 =
	5139-Footwear								USEPA	0.025	(* Shredded Paper 33 gallons=8) X 8lbs/unit X 3.6units/wk X 52.1428571428571 =
I1	5511-Motor Vehicle Dealers (New and Used)	2	49.536						Paper	8lbs/unit	1501.71428571429 b/yr
I2	1521-General Contractors-Single-Family Houses	50	1,501.714						USEPA	0.751	

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Business Type	Bus Type	Category	Sub Category	Class	Content of Food	Source	Units	TOTAL	Comments
7549-Automotive services, n.e.c.		Recycling	Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	4.015	8,030.000	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 7units/wk X 52.1428571428571 = 8030 lb/yr
J5	6311-Life insurance	Reuse	Office white ledger	Paper	5lbs/unit	USEPA	0.090	179.883	(* White Ledger #20, 8.5"x11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.69units/wk X 52.1428571428571 = 179.8928571428571 lb/yr
K1	3446-Architectural metal work 8721-Accounting/Auditing and Bookkeeping Services	Recycling	Office white ledger	Paper	5lbs/unit	USEPA	0.030	59.964	(* White Ledger #20, 8.5"x11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.23units/wk X 52.1428571428571 = 120.59.96428571428571 lb/yr
K2	5411-Grocery Stores	Recycling	Wood pallets	Pallets	40lbs/unit	USEPA	0.605	1,209.714	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.56units/wk X 52.1428571428571 = 1209.71428571428571 lb/yr
K3	5600-Apparel and accessory stores	Recycling	Other	Other	1lbs/unit		0.000	0.000	
K4	5641-Children's and infants' Wear Stores	Reuse	Textiles	Organic	1lbs/unit		0.025	1,212.321	(* Pounds=1) X 1lbs/unit X 23.25units/wk X 52.1428571428571 = 1212.321428571428571 lb/yr
K5	5641-Children's and infants' Wear Stores 7389-Business services, n.e.c.	Recycling	Newspaper	Paper	1lbs/unit		0.078	156.429	(* Pounds=1) X 1lbs/unit X 3units/wk X 52.1428571428571 = 156.428571428571 lb/yr
K6	5531-Auto and Home Supply Stores	Reuse	Textiles	Plastic	1lbs/unit		0.424	848.384	(* Pounds=1) X 1lbs/unit X 16.27units/wk X 52.1428571428571 = 848.38428571428571 lb/yr
K7	5531-Auto and Home Supply Stores	Recycling	Remainder/composite plastic	Plastic	1lbs/unit		0.424	1,091.350	(* Pounds=1) X 1lbs/unit X 20.93units/wk X 52.1428571428571 = 1091.35 lb/yr
K8	5531-Auto and Home Supply Stores	Recycling	Uncoated corrugated cardboard	Paper	1lbs/unit		0.546	0.000	0.000
K9	5531-Auto and Home Supply Stores	Recycling	Other	Other	1lbs/unit		0.000	17	
K10	5531-Auto and Home Supply Stores	Reuse	Other miscellaneous paper	Paper	1lbs/unit		0.250	499.529	(* Pounds=1) X 1lbs/unit X 9.58units/wk X 52.1428571428571 = 499.528571428571 lb/yr
K11	5531-Auto and Home Supply Stores	Recycling	Corrugated cardboard	Paper	50lbs/unit	USEPA	5.214	10,428.571	(* OCC, stacked "Cubic yard=50") X 50lbs/unit X 4units/wk X 52.1428571428571 = 10428.571428571428571 lb/yr
K12	5531-Auto and Home Supply Stores	Recycling	Wood pallets	Pallets	40lbs/unit	USEPA	7.300	14,600.000	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7units/wk X 52.1428571428571 = 14600 lb/yr

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REF#	Bus Type	END	SR	ACG	CEP	DP	DOV	SOURCE	DIVISION	TOTAL	CALC.
3588-Service industry machinery, n.e.c.	Recycling Wood pallets		4,859.714		Pallets	40lbs/unit	USEPA	2,430	3,408.4559.71428571428571 =		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 2.33units/wk X 52.428571428571 =
M5	5193-Flowers & florists' supplies	Reuse Durable plastic items	3	242.464	Plastic	1lbs/unit		0.121	242.464.2857142856 lb/yr		(* Pounds=1) X 1lbs/unit X 4.65units/wk X 52.1428571428571 =
M6	2500-Furniture and fixtures	Reuse Durable plastic items		225.257	Plastic	0.9lbs/unit	UCLA/sh	0.113	234.225.2571428571431 lb/yr		(* Plastic, HDPE plant pot 3 gallons each=0.9) X 0.9lbs/unit X 4.8lbs/unit X 52.1428571428571 =
M7	3400-Fabricated metal products	Scavenging Wood pallets	7	725.829	Pallets	40lbs/unit	USEPA	0.363	0.363.725.82857142857142856 lb/yr		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.34units/wk X 52.428571428571 =
M8	7389-Business services, n.e.c.	Scavenging Wood pallets	25	14,537.429	Pallets	40lbs/unit	USEPA	7.289	145.37.42857142857142856 lb/yr		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 6.97units/wk X 52.428571428571 =
M9	5300-General merchandise stores	Reuse Office white ledger	5	453.643	Paper	5lbs/unit	USEPA	0.227	453.6428571428571428571 =		(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 1.74units/wk X 52.1428571428571 =
		Scavenging Wood pallets		1,939.714	Pallets	40lbs/unit	USEPA	0.970	1939.71428571428571428571 =		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.93units/wk X 52.428571428571 =
		Scavenging Uncoated corrugated cardboard		2,294.286	Paper	2.2lbs/unit	USEPA	1.147	2.344.294.28571428571428571 =		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 2.2units/wk X 52.1428571428571428571 =
		Recycling Uncoated corrugated cardboard	70	114,714.286	Paper	2.2lbs/unit	USEPA	57.357	114.714.28571428571428571 =		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 11units/wk X 52.428571428571428571 =
		Recycling Wood pallets		22,942.857	Pallets	40lbs/unit	USEPA	11.471	68.829		

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REF#	Business Type	Address	FED	SR	RC	CAP	Class	Conversion factor	SOURCE	Units	TOTAL
M10	7000-Hotels and other lodging places	Reuse Office white ledger	20	6,257			Paper	0.12lbs/unit	USEPA	0.003	(White Ledger Paper 10 sheets=0.12) X 0.12lbs/unit X 1units/wk X 52.1428571428571 = 6,257.14285714286 lbs/yr
	7000-Hotels and other lodging places	Scavenging Wood pallets		1,209.74			Pallets	40lbs/unit	USEPA	0.605	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.58units/wk X 52.1428571428571 = (* White Ledger #20, 8.5" x 11" 1 rear) (500 sheets)=5) X 5lbs/unit X 8.27units/wk X 52.1428571428571 = 2156.107142857141 lbs/yr
M11	8211-Elementary and Secondary Schools	Reuse Office white ledger	49.5	2,156.107			Paper	5lbs/unit	USEPA	1.078	(* Toner Cartridge each=2.5) X 2.5lbs/unit X 3.49units/wk X 52.1428571428571 = 1,906.454 346428571429 lbs/yr
	8211-Elementary and Secondary Schools	Reuse Remainder/composite plastic	454.946	0.000			Plastic	2.5lbs/unit	USEPA	0.227	1,000.000
N1	8000-Health services	Recycling Other	7.5				Other	1lbs/unit	USEPA	0.000	0.000
	N2	5100-Wholesale trade-nondurable goods									(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7units/wk X 52.1428571428571 = 14600 lbs/yr
N3	7011-Hotels and Motels	Scavenging Wood pallets	4		14,600.000		Pallets	40lbs/unit	USEPA	7.300	7,300.000
	N3	7011-Hotels and Motels	Recycling Other	5.5	0.000		Other	11lbs/unit	USEPA	0.000	0.000
O1	9900-Unclassified Establishments	Reuse Office white ledger	14	12,305.714			Paper	400lbs/unit	US EPA	6.153	6,153.000
	O2	3085-Plastics bottles					Pallets	40lbs/unit/5	USEPA	3.396	6,791.086
	O2	3085-Plastics bottles					Pallets	40lbs/unit	USEPA	1lbs/unit	242.464
	O2	3085-Plastics bottles					Paper		USEPA	0.121	19,397.143
	O3	3085-Plastics bottles					Pallets	40lbs/unit	USEPA	9.699	1,212.84285714286 lbs/yr
	O3	3085-Plastics bottles					Plastic	1lbs/unit	Plastic	0.606	13,822.000
	O3	3085-Plastics bottles					Plastic	2.5lbs/unit	Plastic	0.010	19,535.714285714 lbs/yr

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Ref#	Business	Ac. Desc.	PC	SP	Class	Conversion Factor	Source	Units	Total	Cost
	5300-General merchandise stores	Source reduction Food	1,303,571		Organic	1lbs/unit			0.652.	(* Pounds=1) X 1lbs/unit X 25units/wk X 52.1428571428571 = 1303.57142857143 lb/yr
	5300-General merchandise stores	Scavenging Uncoated corrugated cardboard	11,732,143		Paper	4lbs/unit	USEPA	5,866		(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 56.25units/wk X 52.1428571428571 = 11732.1428571429 lb/yr
	5300-General merchandise stores	Reuse Wood pallets	7,508,571		Pallets	40lbs/unit/5	USEPA	3,754		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 18units/wk X 52.1428571428571 = 7508.57142857143 lb/yr
	5300-General merchandise stores	Reuse Food	2,607,143		Organic	1lbs/unit			1,304	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets=5) X 5lbs/unit X 50units/wk X 52.1428571428571 = 75.6071428571429 lb/yr
P7	6500-Real estate	Reuse Office white ledger	5	75,607	Paper	5lbs/unit	USEPA	0.038		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 0.08units/wk X 52.1428571428571 = 7279.17714285714286 lb/yr
	6500-Real estate	Reuse Uncoated corrugated cardboard	9,177		Paper	2.2lbs/unit	USEPA	0.005		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 23.26units/wk X 52.1428571428571 = 9702.74285714286 lb/yr
	6500-Real estate	Scavenging Wood pallets	8,5		Pallets	40lbs/unit	USEPA	3,640		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 23.26units/wk X 52.1428571428571 = 9702.74285714286 lb/yr
P8	2700-Printing and publishing	Reuse Wood pallets	7,279,143		Pallets	40lbs/unit/5	USEPA	4,851		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 23.26units/wk X 52.1428571428571 = 9702.74285714286 lb/yr
	2700-Printing and publishing	Recycling Uncoated corrugated cardboard	9,702,743		Paper	1lbs/unit			0.303	(* Pounds=1) X 1lbs/unit X 186.05units/wk X 52.1428571428571 = 9701.178571428571429 lb/yr
	2700-Printing and publishing	Recycling Office white ledger	606,421		Paper	1lbs/unit			4,651	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 606.421428571428572 = 9701.178571428571429 lb/yr
	2700-Printing and publishing	Reuse Office white ledger	484,929		Paper	1lbs/unit			0.242	(* Pounds=1) X 1lbs/unit X 186.05units/wk X 52.1428571428571 = 9701.178571428571429 lb/yr
	2700-Printing and publishing	Reuse Durable plastic items	38,5	22,756	Plastic	1.9lbs/unit	USEPA	0.011		(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 22,756 X 52.1428571428571 = 9784.28571428572 lb/yr
P9	8200-Educational services									

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REF#	Item	Sub Type	Item #	SR	RC	RC Factor	Confession Factor	Source	Divisor	Total	Notes
	Recycling Uncoated corrugated cardboard		156.428.571		Paper	100lbs/unit	USEPA	78.214		(OC, uncompacte d 1 cubic yard=100) X 100lbs/unit X 3units/wk X 52.1428571428571 = 156428.571428571 lb/yr	
	Reuse Office white ledger		75.607		Paper	5lbs/unit	USEPA	0.038	78.263	(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 32.13units/wk X 52.1428571428571 = 5056.75 lb/yr	
	Source reduction Office white ledger	3	5.456.750		Paper	5lbs/unit	USEPA	2.728		(Baby Furniture Fixed) X 1lbs/unit X 32.13units/wk X 52.1428571428571 = 1675.35 lb/yr	
	Reuse Other		1,675.350		Other	1lbs/unit		0.898		(Baby Furniture Donated) X 1lbs/unit X 3.9units/wk X 52.1428571428571 = 206.485714285714 lb/yr	
	5700-Furniture and homefurnishings stores		206.488		Other	1lbs/unit		0.103		(* O.C. box, medium 24" x24" x30" each=2) X 2.2lbs/unit X 10units/wk X 52.1428571428571 = 4.243 lb/yr	
P10	5700-Furniture and homefurnishings stores		1,147.143		Paper	2.2lbs/unit	USEPA	0.574	4.243	(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 0.78units/wk X 52.1428571428571 = 203.35714285714286 lb/yr	
	Scavenging Uncoated corrugated cardboard		203.357		Paper	5lbs/unit	USEPA	0.102		(* Magazines, 8.5" x 11" 10 units=3) X 3lbs/unit X 0.75units/wk X 52.1428571428571 = 117.321428571428571 lb/yr	
	Recycling Office white ledger	4	117.321		Paper	3lbs/unit	USEPA	0.059		(Newspapers each=1) X 1lbs/unit X 3units/wk X 52.1428571428571 = 156.428571428571 lb/yr	
	Reuse Magazines and catalogs		156.428		Paper	1lbs/unit	Org. audit wts.	0.078	0.239	(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 0.02units/wk X 52.1428571428571 = 18420 lb/yr	
	8000-Health services		2.5	5.214	Paper	5lbs/unit	USEPA	0.003	0.003	(* O.C., balls (large) 1 cubic yard=900) X 900lbs/unit X 3.5units/wk X 52.1428571428571 = 52.1428571428571 lb/yr	
	8000-General merchandise stores		19.5		Paper	900lbs/unit	USEPA	82.125		(* Bread, bulk 1 cubic foot=18) X 18lbs/unit X 5.78units/wk X 52.1428571428571 = 52.1428571428571 lb/yr	
R1	5300-General merchandise stores		2.5								
R2	5400-Food stores		19.5								
	Composting Food		5,424.943		Organic	18lbs/unit	FEECO	2.712			

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Ref#	Business Address	Business Type	FC	CP	Class	Comments	Source	Units	Total
									(Plastic, pallet, 48" x 48" each=40) X 40lbs/unit/5 X 34units/wk X 52.1428571428571 =
5400-Food stores		Reuse Plastic Pallets	14,182.857		Pallets	40lbs/unit/5	USEPA	7.091	141.828571428571 lb/yr (* Other cartidge each=2.5) X 2.5lbs/unit X 0.12units/wk X 52.1428571428571 =
		Source reduction Remainder/composite plastic	15.643		Plastic	2.5lbs/unit	USEPA	0.008	91.937 15.6428571428571 lb/yr
R3	7000-Hotels and other lodging places	Recycling Other	12		Other	1lbs/unit	USEPA	0.000	0.000 (* Phone book batch=4) X 4lbs/unit X 11lbs/unit X 52.1428571428571 =
R4	5900-Miscellaneous retail	Recycling Phone books and directories	16.5		Paper	4lbs/unit	USEPA	0.008	16.6857142857143 lb/yr (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 15units/wk X 52.1428571428571 = 31285.7142857143 lb/yr
		Scavenging Wood pallets	31,285.714		Pallets	40lbs/unit	USEPA	15.643	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 9.53units/wk X 52.1428571428571 = 1093.22714285714 lb/yr
		Recycling Uncoated corrugated cardboard	1,093.227		Paper	2.2lbs/unit	USEPA	0.547	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 9.53units/wk X 52.1428571428571 = 1093.22714285714 lb/yr
		Recycling Uncoated corrugated cardboard	1,093.227		Paper	2.2lbs/unit	USEPA	0.547	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 9.53units/wk X 52.1428571428571 = 1093.22714285714 lb/yr
		Recycling Remainder/composite plastic	180		Plastic	0.125lbs/unit	UCLA/fh	8.799	(Plastic, hangers (w/metal hook) each=0.125) X 0.125lbs/unit X 270units/wk X 52.1428571428571 = 345.682142857143 lb/yr
R5	5311-Department Stores	Recycling Other	4.171		Other	1lbs/unit	USEPA	0.002	8.3428571428571 = (Wood Waste @ 4 lbs/yr) X 1lbs/unit X 0.08units/wk X 52.1428571428571 = 4.171428571428571 lb/yr
		5311-Department Stores	140,525.000		Other	1lbs/unit	70.263	(Plastic bag @ 7 lbs/ea) X 1lbs/unit X 269units/wk X 52.1428571428571 = 1405.25 lb/yr (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12units/wk X 52.1428571428571 = 5005.71428571428571 lb/yr	
		Reuse Wood pallets	5,005.714		Pallets	40lbs/unit/5	USEPA	2.503	(* OCC, bale (large) 1 cubic yard=500) X 900lbs/unit X 15units/wk X 52.1428571428571 = 70328.5714285714 lb/yr
		Recycling Uncoated corrugated cardboard	703,928.571		Paper	900lbs/unit	USEPA	351.964	(* Pounds=1) X 1lbs/unit X 0.94units/wk X 52.1428571428571 = 49.01428571428571 lb/yr
		Reuse Misc. plastic containers	49.014		Plastic	1lbs/unit		0.025	
		5311-Department Stores							

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REF#	Category	Sub-Category	Item	Unit	Yield	TC	SS	CMP	Class	Conversion factor	SOURCE	Units	TOTAL	(Marl Fixtures @ 25lbs/ea.) X 1lbs/unit X 75units/wk X 52.1428571428571 = 247.678571428571 lbs/yr	Date	
5311-Department Stores	Recycling Other		247.679	Other	1lbs/unit					0.124						
5311-Department Stores	Reuse Office white ledger		424.964	Paper	5lbs/unit					0.212	USEPA			(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 1.63units/wk X 52.1428571428571 = 424.364285714286 lbs/yr		
5311-Department Stores	Recycling Durable plastic items		9.907	Plastic	1.9lbs/unit					0.005	USEPA			(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.1units/wk X 52.1428571428571 = 9.90744285714286 lbs/yr		
5311-Department Stores	Reuse Misc. plastic containers		763.872	Plastic	0.42lbs/unit						USEPA			(* Plastic, 1 gallon container - mayo jar=0.42) X 0.42lbs/unit X 34.8units/wk X 52.1428571428571 = 763.872 lbs/yr		
5311-Department Stores	Recycling Remainder/composite plastic		3,432.825	Plastic	6.27lbs/unit						Telus			(* Styrofoam kernels 1 cubic yard=6.27) X 6.27lbs/unit X 10.5units/wk X 52.1428571428571 = 3432.825 lbs/yr		
5311-Department Stores	Recycling Other		258,107.143	Other	1lbs/unit					129.054				(* Metal Bars @ 15lbs/ea.) X 1lbs/unit X 49.5units/wk X 52.1428571428571 = 258,107.143 lbs/yr		
5311-Department Stores	Reuse Office white ledger		607.464	Paper	5lbs/unit						USEPA			(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 2.33units/wk X 52.14285714286 lbs/yr		
R6	8200-Educational services	Recycling Newspaper	27	Paper	1lbs/unit						Orig. audit ws.			0.304	0.304	
R7	9100-Executive, Legislative, and General Government, Except Finance	Reuse Office white ledger	677.857	Paper	5lbs/unit						USEPA			0.339	0.339	
R7	9100-Executive, Legislative, and General Government, Except Finance	Source reduction Office white ledger	0.000	Paper	5lbs/unit						USEPA			0.000	0.000	
R8	9100-Executive, Legislative, and General Government, Except Finance	Reuse Uncoated corrugated cardboard	229.429	Paper	2.2lbs/unit						CIWMB Density Tables			0.975229.428571428571 lbs/yr	0.975	
R8	8200-Educational services	Reuse Office white ledger	7.5	Paper	363.51lbs/unit						Paper			1.137	1.137	

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Ref#	Business Type	Acq/Dec	St#	St#	Class	Consignor/auditor	SOURCE	DTots	TOTL	Cap
R9	8200-Educational services									
	Reuse Durable plastic items	165	113,932		Plastic	1.9lbs/unit	USEPA	0.057		(Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 1.15units/wk X 52.1428571428571 = 113,932.1428571428571
	Source reduction Leaves and grass	91,250,000			Organic	250lbs/unit	California Turf Grass Study	45,625		(Grassrecycling (source reduction) 1 acre .. 6.5 tons per acre per year=250) X 250lbs/unit X 7 units/wk X 52.1428571428571 = 91250 lb/yr
	Recycling Food		1,068,929		Organic	410lbs/unit	USEPA	0.534		(' Fats, oil/diliquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 0.05units/wk X 52.1428571428571 = 1068.928571428571
	Reuse Misc. plastic containers	43,860			Plastic	0.42lbs/unit	USEPA	0.022		(' Plastic: 1 gallon container may 1 gallon each=0.42) X 0.42lbs/unit X 2units/wk X 52.1428571428571 = 43.8 lb/yr
	Recycling Uncoated corrugated cardboard		7,833,943		Paper	50.08lbs/unit	Tellus	3.917		(' OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.942857142856
	8200-Educational services									
	Recycling Other office paper	298,114			Paper	42.35lbs/unit	USEPA	0.149		(' Office Paper (white, color, CPO, junk mail) 55 gallon=2.35) X 42.35lbs/unit X 0.155units/wk X 52.1428571428571 = 298.11375 lb/yr
	Recycling Magazines and catalogs		2,607,684		Paper	3lbs/unit	USEPA	1.304		(' Magazines, 8.5" x 11" 10 units=3) X 3lbs/unit X 16.67units/wk X 52.1428571428571 =
	8200-Educational services									
	Scavenging Wood pallets		4,859,714		Pallets	40lbs/unit	USEPA	2.430		(' Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 2.33units/wk X 52.1428571428571 = 4859.71428571428571
	8200-Educational services									
	Recycling Office white ledger		607,464		Paper	5lbs/unit	USEPA	0.304		(' White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5 X 5lbs/unit X 2.33units/wk X 52.1428571428571 = 607.46428571428571
	Recycling Newspaper		18,250,000		Paper	1lbs/unit	Orig. audit wks.	9,125		(' Newspapers (ach=1) X 1lbs/unit X 350units/wk X 52.1428571428571 = 18250 lb/yr
	Recycling Phone books and directories		79,257		Paper	4lbs/unit	USEPA	0.040		(' Phone book each=4) X 4lbs/unit X 0.380units/wk X 52.1428571428571 = 79,257.1428571428571
	8200-Educational services									

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Item	Description	Category	Class	Conversion Rate	Source	Printers	Reprint
8200-Educational services	Reuse Office white ledger	Office paper	122.536	Paper	5lbs/unit	USEPA	0.061
8200-Educational services	Reuse Film plastic	Plastic	9.907	Paper	1lbs/unit		
8200-Educational services	Source reduction Agricultural crop residues (noned use only)	Organic	40.150	Paper	1lbs/unit		
8200-Educational services	Reuse Misc. plastic containers	Plastic	16.175	Paper	0.941lbs/unit	Orig. audit wks.	0.008
R10	Reuse Bulky items	Special Waste	3.302.447	Paper	166.67lbs/unit	LA Study	1.651
7000-Hotels and other lodging places	Reuse Bulky items	Special Waste	587.285	Paper	29.64lbs/unit	LA Study	0.294
7000-Hotels and other lodging places	Reuse Bulky items	Special Waste	561.438	Paper	56.67lbs/unit	LA Study	0.281
7000-Hotels and other lodging places	Reuse Bulky items	Paper	6	Paper	5lbs/unit	USEPA	0.181
8231-Libraries	Reuse Office white ledger	Paper	362.353	Paper	4lbs/unit	USEPA	0.016
8231-Libraries	Reuse Phone books and directories	Paper	31.296	Paper	2.5lbs/unit	USEPA	0.003
R11	Reuse Remainder/composite plastic	Plastic	6.518	Paper	2.2lbs/unit	USEPA	0.430
8231-Libraries	Scavenging Uncoated corrugated cardboard	Paper	860.357	Paper	2.2lbs/unit	USEPA	0.003
8231-Libraries	Reuse Uncoated corrugated cardboard	Paper	6.194.571	Paper	2.2lbs/unit	USEPA	3.097

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Business Type	Business ID	Address	City	Class	Comments	Source	Units	Unit Cost	Total
8231-Libraries		17,337,500	Paper	875lbs/unit	US EPA	8.669	12,396	1735.5 lb/yr	(* Newspapers, stacked 1 cubic yard=875) X 8.75lbs/unit X 0.38units/wk X 52.1428571428571 =
R12 8200-Educational services	330,377	Reuse Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.165	0.165	0.165 lb/yr	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 2.88units/wk X 52.1428571428571 =
R13 8200-Educational services	3.5	Scavenging Wood pallets	Pallets	40lbs/unit	USEPA	0.699	0.699	0.699	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.67units/wk X 52.1428571428571 =
R14 5800-Eating and drinking places	140	Recycling Wood pallets	Pallets	40lbs/unit	USEPA	18.187	18.187	18.187	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 17.44units/wk X 52.1428571428571 =
S1 2700-Printing and publishing	5	Source reduction Plastic pallets	Pallets	40lbs/unit/5	USEPA	0.626	0.626	0.626	(* Plastic, pallet, 48" x 48" each=40) X 40lbs/unit/5 X 3units/wk X 52.1428571428571 =
4900-Electric, gas, and sanitary services	91,250,000	Source reduction Leaves and grass	Organic	250lbs/unit	California Turf Grass Study	45.625	45.625	45.625	(Grasscycling (source reduction) 1 acre -- 6.5 tons per acre per year=250) X 250lbs/unit X 7units/wk X 52.1428571428571 = 91,250 lb/yr
4900-Electric, gas, and sanitary services	49,536	Reuse Office white ledger	Paper	5lbs/unit	USEPA	0.025	0.025	0.025	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.19units/wk X 52.1428571428571 =
4900-Electric, gas, and sanitary services	10,429	Source reduction	Plastic	2.5lbs/unit	USEPA	0.005	0.005	0.005	(* Tire, car each=20) X 20lbs/unit X 0.42857142857143 lb/yr
S3 4700-Transportation services	10,512,000	Recycling Tires	Special Waste	20lbs/unit	USEPA	5.256	5.256	5.256	(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.08units/wk X 52.1428571428571 =
4700-Transportation services	2,610,480	Recycling Remainder/composite household hazardous	Household Hazardous Waste	834.4lbs/unit	Tellus	1.305	1.305	1.305	(* Auto oil filters, loose 1 cubic yard=834.4) X 834.4lbs/unit X 0.06units/wk X 52.1428571428571 =
4700-Transportation services	11,862,500	Recycling Batteries	Household Hazardous Waste	35lbs/unit	USEPA corr.	5.931	5.931	5.931	(* Battery, auto each=35) X 35lbs/unit X 6.5units/wk X 52.1428571428571 = 11832.5 lb/yr
4700-Transportation services	1,805,186	Source reduction Other	Other	1lbs/unit		0.903	0.903	0.903	(Brake shoes) X 1lbs/unit X 34.62units/wk X 52.1428571428571 = 1805.186 lb/yr

Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

			Temp	SR	CMP	Class	Sources/unit	Source	Divs/ton	TOTAL	
											(* Plastic, HDPE gallon containers (not beverage) 1 gallon batch=0.0625lbs/unit X 3.75units/wk X 52. 1428571428571 = 12.12321428571431 lb/yr
4700-Transportation services		Reuse HDPE containers	12.123			Plastic	0.0625lbs/unit	USEPA	0.006	13.401	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 275units/wk X 52. 1428571428571 = 31.546.42857142856 lb/yr
S4 8200-Educational services		Recycling Uncoated corrugated cardboard	95		31,546.428	Paper	2.2lbs/unit	USEPA	15.773		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 2.75units/wk X 52. 1428571428571 = (* 33.57142857142856 lb/yr X Plastic, pallet, 48" x 48" each=40) X 40lbs/unit X 22.5units/wk X 52. 1428571428571 = 46.928.5714285714 lb/yr (* Shredded Paper 35 gallons=8" X 8lbs/unit X 0.6units/wk X 52. 1428571428571 = 250.285714285714 lb/yr (OCC, bale (large) 1 cubic yard=900) X 900lbs/unit X 4 units/wk X 52. 1428571428571 = 18774.2857142856 lb/yr (* Trimmer cartridges each=2.5) X 2.5lbs/unit X 0.33units/wk X 52. 1428571428571 = 121.12321428571431 lb/yr (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7.5units/wk X 52. 1428571428571 = 328.46units/wk X 52.1428571428571 = 33000.4828571428571 lb/yr (* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 268.46units/wk X 52.1428571428571 = 33006.3928571428571 lb/yr (* Pounds=1) X 1lbs/unit X 22063.Units/wk X 52. 1428571428571 = 1150636.429 lb/yr
8200-Educational services		Scavenging Wood pallets	5,819.143		5,819.143	Pallets	40lbs/unit	USEPA	2.910	18.683	
S5 5900-Miscellaneous retail		Scavenging Plastic pallets	40		46.928.571	Pallets	40lbs/unit	USEPA	23.464		
5900-Miscellaneous retail		Recycling Other office paper			250.286	Paper	8lbs/unit	USEPA	0.125		
5900-Miscellaneous retail		Recycling Uncoated corrugated cardboard			187,714.286	Paper	900lbs/unit	USEPA	93.897		
5900-Miscellaneous retail		Source reduction Remainder/composite plastic	121.232			Plastic	2.5lbs/unit	USEPA	0.061		
5900-Miscellaneous retail		Scavenging Wood pallets			15,642.857	Pallets	40lbs/unit	USEPA	7.821	125.329	
5900-Miscellaneous retail		Reuse Uncoated corrugated cardboard	2500		33,090.483	Paper	2.2lbs/unit	USEPA	16.545		
S6 4900-Electric, gas, and sanitary services		Recycling Other			2,406.393	Other	1lbs/unit			1.203	
4900-Electric, gas, and sanitary services		Recycling Other miscellaneous			1,150,636.429	Paper	1lbs/unit			575.318	593.067

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

	Business Type	Address	Phone	SR	SSR	Class	Conversion factor	Source	Pounds	Total	Comments
S7	5800-Eating and drinking places			64.135,714		Organic	410bs/unit	USEPA	32.068		(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410bs/unit X 3units/wk X 52.1428571428571 = 64135.7142857143 lb/yr (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 15units/wk X 52.1428571428571 =
	Reuse Wood pallets			6.257,143		Pallets	40lbs/unit/5	USEPA	3.129	35.196	(* White Ledger #20" x 8.5" x 11" 1ream (500 sheets)=5) X 50bs/unit X 0.7units/wk X 52.1428571428571 = 182.5 lb/yr (* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 6units/wk X 52.1428571428571 = 15642.8571428571 lb/yr
	5800-Eating and drinking places			182.500		Paper	5lbs/unit	USEPA	0.091		(* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 6units/wk X 52.1428571428571 = 15642.8571428571 lb/yr (* Tire, car each=20) X 20lbs/unit X 2.33units/wk X 52.1428571428571 =
	Reuse Office white ledger			15.642,857		Paper	50lbs/unit	USEPA	7.821		(* Plastic, grocery bag 100 bags=0.77) X 0.77lb/unit X 0.05units/wk X 52.1428571428571 = 2.3287 lb/yr
	Scavenging Uncoated corrugated cardboard			2.429,857		Special Waste	20lbs/unit	USEPA	1.215	9.128	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 0.78units/wk X 52.1428571428571 =
	Recycling Trees			2	2.329	Plastic	0.77lbs/unit	USEPA corr.	0.001		(* Plastic, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45bs/unit X 35units/wk X 52.1428571428571 = 1356.25 lb/yr (* Plastic, bucket with metal handle 5 gallons each=1.9) X 1.9lbs/unit X 52.1428571428571 =
	Reuse Film plastic			89.477		Paper	2.2lbs/unit	USEPA	0.045	0.046	(* Plastic, bucket with metal handle 5 gallons each=1.9) X 1.9lbs/unit X 52.1428571428571 =
	Reuse Uncoated corrugated cardboard			13,595,250		Organic	7.45lbs/unit	USEPA	6.798		(* Plastic, bucket with metal handle 5 gallons each=1.9) X 1.9lbs/unit X 52.1428571428571 =
	5900-Miscellaneous retail			30		Pallets	40lbs/unit/5	USEPA	0.209	41.71428571428571	(* Plastic, bucket with metal handle 5 gallons each=1.9) X 1.9lbs/unit X 52.1428571428571 =
S9	7000-Hotels and other lodging places			417.143		Plastic	1.9lbs/unit	USEPA	0.099	19.81428571428571	(* White Ledger #20" x 8.5" x 11" 1ream (500 sheets)=5) X 50bs/unit X 0.9units/wk X 52.1428571428571 =
	7000-Hotels and other lodging places			198.143		Paper	5lbs/unit	USEPA	0.130	7.236	(* Pounds=1) X 1lbs/unit X 3.7units/wk X 52.1428571428571 =
	Reuse Durable plastic items			260.714		Other	11lbs/unit	USEPA	0.000	0.000	(* Pounds=1) X 1lbs/unit X 3.7units/wk X 52.1428571428571 =
	Recycling Other			17							(* Pounds=1) X 1lbs/unit X 3.7units/wk X 52.1428571428571 =
	Reuse Office white ledger			123.579		Organic	1lbs/unit		0.062	0.062	(* Pounds=1) X 1lbs/unit X 3.7units/wk X 52.1428571428571 =
	Source reduction/Composite organic			2.5							
S10	5900-Miscellaneous retail										
S11	5600-Apparel and accessory stores										
S12	5600-Miscellaneous retail										

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Item	Category	Sub-Category	Activity	Conversion Factor	Sources	Options	Total
S13	5800-Eating and drinking places	Peuse Uncoated corrugated cardboard	7 - 1,147,143	Paper 2.2lbs/unit	USEPA 0.574		
		Recycling Food		Paper 21,378.571	Organic 4.10lbs/unit Other 1lbs/unit	USEPA 10,689 0.000 0.000	
S14	5800-Eating and drinking places	Recycling Other	3	Paper 0.000	Other 1lbs/unit		
S15	5800-Eating and drinking places	Recycling Other	5.5	Paper 0.000	Other 1lbs/unit		
S16	6400-Insurance agents, brokers, & service	Recycling Other	3.5	Paper 0.000	Other 1lbs/unit		
S17	6500-Real estate	Recycling Other	2.5	Paper 0.000	Other 1lbs/unit		
		Recycling Other miscellaneous paper	4	Paper 50,087	Paper 1lbs/unit	USEPA 0.025	
S18	6500-1-Insurance carriers	Peuse Other office paper	600,243	Paper 10.01bs/unit	USEPA 0.300		
		Source reduction		Paper 10,429	Plastic 2.5lbs/unit Other 0.000	USEPA 0.005 0.000	
		Recycling Other	4	Paper 5,016,143	Special Waste 20lbs/unit	USEPA 2.508	
S19	5800-Eating and drinking places	Recycling Tires	5	Paper 2,007,500	Paper 2.2lbs/unit	USEPA 1.904	
		Recycling Uncoated corrugated cardboard		Paper 1,433,929			
		Peuse Uncoated, services, and parking	2	Paper 6,413,571	Organic 4.10lbs/unit	USEPA 0.717	
		7500-Auto repair, services, and parking	17	Paper 50,088/unit			
S20	7500-Auto repair, services, and parking				Tellus		3,917
S21	5900-Miscellaneous retail						
S22	5400-Food stores	Scavenging Uncrated corrugated cardboard					

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Ref#	Business Type	Act. Date	Act. No.	SF	FC	Class	Conversion factor	Source	Total	Comments
5400-Food stores	Reuse Wood pallets	4.171.429				Pallets	40lbs/unit/5	USEPA	2.086	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 10units/wk X 52.1428571428571 = 4171.428571428571 lb/yr
5400-Food stores	Source reduction Uncoated corrugated cardboard	1.147.143				Paper	2.2lbs/unit	USEPA	0.574	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 10units/wk X 52.1428571428571 = 1147.142857142861 lb/yr
5400-Food stores	Reuse Durable plastic items	344.143				Plastic	1.1lbs/unit	USEPA	0.172	(* Plastic, duck(er 25'gallons)=1') X 1.1lbs/unit X 6units/wk X 52.1428571428571 = 9.985.344.1428571428571 lb/yr
T1	3600-Electronic & other electric equipment	1.303.571				Paper	1lbs/unit		0.652	(* Paper, 100% FSC paper 100% post-consumer recycled paper)=1' X 1.1lbs/unit X 25units/wk X 1303.57142857143 lb/yr
3600-Electronic & other electric equipment	Scavenging Uncoated corrugated cardboard	19.584.857				Paper	50.08lbs/unit	Tellus	9.792	(* OCC, flattened boxes, 100% 1 cubic yard=50.08) X 50.08lbs/unit X 7.5units/wk X 52.1428571428571 = 19584.85714285711 lb/yr
3600-Electronic & other electric equipment	Reuse Wood pallets	4.171.429				Pallets	40lbs/unit/5	USEPA	2.086	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 10units/wk X 52.1428571428571 = 52.1428571428571 lb/yr
7500-Auto repair, services, and parking	Reuse Office white ledger	13.036				Paper	5lbs/unit	USEPA	0.007	(* White Ledger (20.8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.05units/wk X 52.1428571428571 = 13.0357142857143 lb/yr
7500-Auto repair, services, and parking	Reuse Uncoated corrugated cardboard	730.000				Paper	4lbs/unit	USEPA	0.365	(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 3.5units/wk X 52.1428571428571 = 730 lb/yr
7500-Auto repair, services, and parking	Reuse Film plastic	20.075				Plastic	0.77lbs/unit	USEPA corr.	0.010	(Damaged Beauty Supply returned to mg.) X 1lbs/unit X 0.87units/wk X 52.1428571428571 = 45.361428571428571 lb/yr
T3	5000-Wholesale trade-durable goods	3.45.864				Other	1lbs/unit		0.023	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 18units/wk X 52.1428571428571 = 2064.85714285714 lb/yr
5000-Wholesale trade-durable goods	Scavenging Uncoated corrugated cardboard					Paper	2.2lbs/unit	USEPA	1.032	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 18units/wk X 52.1428571428571 = 2064.85714285714 lb/yr
5000-Wholesale trade-durable goods	Reuse Uncoated corrugated cardboard	2.007.500				Paper	2.2lbs/unit	USEPA	1.004	2.059.2007.5 lb/yr

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Business Type	Address	Site ID	Source	Flow ID	Class	Flow Name	Flow ID	Total
T4	7500-Auto repair, services, and parking	1.5	4,667.724	Paper	2.2lbs/unit	USEPA	2,334	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 40.69units/wk X 52.1428571428571 = 467.72428571429 lb/yr
	Scavenging Wood pallets		2,085.714	Pallets	40lbs/unit	USEPA	1,043	(* Pallet wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 1 units/wk X 52.1428571428571 = 2085.71428571429 lb/yr
	Recycling Tires		12,514.286	Special Waste	20lbs/unit	USEPA	6,257	(* Tires, car each=20) X 20lbs/unit X 12units/wk X 52.1428571428571 = 125.1428571428571 lb/yr
	7500-Auto repair, services, and parking		55.376	Paper	0.0118lbs/unit	USEPA	0.028	(* White Ledger Paper "1" sheet=0.0118) X 0.0118lbs/unit X 90units/wk X 52.1428571428571 = 375.3757142857143 lb/yr
T5	15400-Food stores	10	417.143	Pallets	40lbs/unit/5	USEPA	0.209	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 1 units/wk X 52.1428571428571 = 209.417.1428571428571 lb/yr
	Recycle Wood pallets		350.921	Other	1lbs/unit		0.175	(Copper Coil Wire) X 1lbs/unit X 6.75units/wk X 52.1428571428571 = 350.921.428571428571 lb/yr
	Recycle Other miscellaneous paper	65	50.057	Paper	1lbs/unit		0.025	(* Pounds=1) X 11lbs/unit X 0.96units/wk X 52.1428571428571 = 50.0571428571429 lb/yr
	Recycle Office white ledger		122.556	Paper	5lbs/unit	USEPA	0.061	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.47units/wk X 52.1428571428571 = 262.52403.571428571428571 lb/yr
	3400-Fabricated metal products		6.257.143	Pallets	40lbs/unit	USEPA	0.000	(* Pallet wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 3 units/wk X 52.1428571428571 = 129.82757142856 lb/yr
	3400-Fabricated metal products		0.000	Other	1lbs/unit		0.000	(* Pounds=1) X 11lbs/unit X 100.5units/wk X 52.1428571428571 = 5240.571428571428571 lb/yr
	3400-Fabricated metal products		52,403.571	Paper	1lbs/unit		26.202	(* Shredded Paper "33" gallons=3) X 80units/wk X 1.8units/wk X 52.1428571428571 = 26.202 lb/yr
U1	3700-Transportation equipment	3	750.857	Paper	8lbs/unit	USEPA	0.375	(* Mixed Paper, loose 1 cubic yard (construction, fax, manilla, some chipboard)=363.5) X 363.5lbs/unit X 0.02units/wk X 52.1428571428571 = 379.078571428571 lb/yr
U2	8900-Services, n.e.c.		20	Paper				
U3	4300-United States Postal Service-General							
U4	16000-Depository institutions		379.079	Paper				

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Attachment 9 - City of Rosemead 2000 New Ease Year Study Business Surveys (All)

	Business Type	Address	Category	PCP	CMP	OCAS	Conversion Factor	Source	Units	Total
U5	6000-Depository institutions 5500-Automotive dealers & service stations	48.232	Source reduction Remainder/composite plastic Recycling Other	2	0.000	Plastic Other	2.5lbs/unit 1lbs/unit	USEPA	0.024 0.000	0.589 48.232/428571428571 = 0.000
V1	7500-Auto repair, services, and parking 5812-Eating places	1.334.127	Scavenging Uncrated corrugated cardboard Reuse Wood pallets Recycling Other	6	0.000	Paper	1.1lbs/unit	USEPA	0.667	(* OCC, box, small 12"x12"x15" each=1) X 1.1lbs/unit X 23.2units/wk X 52.1428571428571 = 1334.127/14285714 lbs/yr
V2	7011-Hotels and Motels	95.843	Reuse Wood pallets Recycling Leaves and grass	2.5	19,749.107	Pallets Other	40lbs/unit/5 1lbs/unit	USEPA	0.048 0.000	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 23units/wk X 52.1428571428571 = 0.000
V3	7011-Hotels and Motels 7200-Personal services	9.907	Recycling Leaves and grass Reuse Office white ledger	2.5	19,749.107	Paper	25lbs/unit	USEPA	9.875	(* Grass 35 gallons=25) X 25lbs/unit X 15.15units/wk X 52.1428571428571 = 19749.107/1428571428571 lbs/yr
V4	5400-Food stores	15.643	Source reduction Office white ledger Scavenging Uncrated corrugated cardboard	1	1.204.500	Paper	5lbs/unit	USEPA	0.008	(* White Ledger #20, 8.5" x 11" ream (500 sheets)=5) X 5lbs/unit X 0.038units/wk X 52.1428571428571 = 9.907/1428571428571
V5	7200-Personal services 5400-Food stores	7	Source reduction E-Waste primarily plastic Source reduction Remainder/composite plastic	1	1.360.929	E-Waste Plastic	1lbs/unit 2.5lbs/unit	USEPA Orig. audit ws.	0.680 0.015	(* Toner cartridge each=1) X 1lbs/unit X 26.1units/wk X 52.1428571428571 = 1360.929/21.428571428571 = 63.695 (* OCC, box, small 12"x12"x15" each=1) X 1.1lbs/unit X 10units/wk 52.1428571428571 = 2555 lbs/yr
V6	5400-Food stores	2	Source reduction Newspaper Scavenging Uncrated corrugated cardboard	1	2,555.000	Paper	1lbs/unit	USEPA	1.278	(* Newspapers each=1) X 1lbs/unit X 49units/wk X 52.1428571428571 = 573.571/1428571428571 = 2 units/wk X 52.1428571428571 = 104.285714285714 lbs/yr
V7	5400-Food stores	104.285	Reuse Food	1	573.571	Paper	1.1lbs/unit	USEPA	0.287	(* Pounds=1) X 1.1lbs/unit X 10units/wk X 52.1428571428571 = 104.285714285714 lbs/yr

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Category	Activity	Business Type	Count	Class	Collection Type	Source	Units	Total	Comments
5400-Food stores	Scavenging Uncoated corrugated cardboard		4,015,000	Paper	2.2lbs/unit	USEPA	2,008		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 35units/wk X 52.1428571428571 = 4015 lb/yr
5400-Food stores	Recycling Food		1,903,571	Organic	1lbs/unit		0.652		(* pounds="1") X 1lbs/unit X 52.1428571428571 = 1303.57142857143 lb/yr
5400-Food stores	Reuse Uncoated corrugated cardboard		10,324,286	Paper	2.2lbs/unit	USEPA	5,162		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 90units/wk X 52.1428571428571 = 10324.28571428571 lb/yr
5400-Food stores	Scavenging Uncoated corrugated cardboard		1,042,857	Paper	4lbs/unit	USEPA	0.521	9.959	(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 5units/wk X 52.1428571428571 =
V6	Scavenging Uncoated corrugated cardboard		3	Paper	2.2lbs/unit	USEPA	0.229		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 4units/wk X 52.1428571428571 =
V6	Scavenging Prunings and trimmings		458,857	Organic	10lbs/unit	USEPA	0.845		(* yard trim, mixed 1 cubic yard=108) X 108lbs/unit X 0.3units/wk X 52.1428571428571 =
5500-Automotive dealers & service stations	Recycling Other		1,689,429	Other	1lbs/unit		0.101	1.175	(* Chrome 2.50 lb/3mo) X 1lbs/unit X 3.8units/wk X 52.1428571428571 =
5500-Automotive dealers & service stations	Recycling Tires		201,793	Special waste	20lbs/unit	USEPA	6.059		(* tire, car each=20) X 20lbs/unit X 11.62units/wk X 52.1428571428571 =
V7	Recycling Uncorrugated cardboard		12,118,000	Paper	2.2lbs/unit	USEPA	0.287		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 5units/wk X 52.1428571428571 =
W1	Recycling Wood pallets		573,571	Pallets	40lbs/unit/5	USEPA	0.209		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 1units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	Reuse Durable plastic items		417,143	Plastic	15lbs/unit	UCLA/s	0.016	0.511	(* 55 gallon drums, plastic each=15) X 15lbs/unit X 0.04units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	Scavenging Uncoated corrugated cardboard		31,286	Paper	2.2lbs/unit	USEPA	0.880		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 15.34units/wk X 52.1428571428571 =
W2	5900-Miscellaneous retail		5	Paper	1,759,717				= 1759.717142857143 lb/yr

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

REF#	Business Type	Business Name	Address	City	Zip	Class	Concession	Source	Units	Total	Calc
5900-Miscellaneous retail	Reuse Uncoated corrugated cardboard		799.559			Paper	2.2lbs/unit	USEPA	0.400		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 6.97/unit/wk X 52.1428571428571 = 799.558571428571428571 lb/yr
5900-Miscellaneous retail	Reuse Other		9.907			Other	1lbs/unit		0.005		(* White Display rack' sold @ "10/lb/yr" X 1lbs/unit X 0.18units/wk X 52.1428571428571 = 9.90714285714286 lb/yr
5900-Miscellaneous retail	Scavenging Uncoated corrugated cardboard		659.607			Paper	1.1lbs/unit	USEPA	0.330		(* OCC, box, small 12"x12"x15" each=.1) X 1.1lbs/unit X 11.5units/wk X 52.1428571428571 = 659.607142857143 lb/yr
5900-Miscellaneous retail	Scavenging Wood pallets		876.000			Pallets	40lbs/unit	USEPA	0.438		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.12units/wk X 52.1428571428571 = 876 lb/yr
W3 7600-Miscellaneous repair services	Recycling Other	1	0.000			Other	1lbs/unit		0.000		0.000
W4 5800-Eating and drinking places	Reuse Wood pallets	6	417.143			Pallets	40lbs/unit/5	USEPA	0.209		(* Plastic, 5 gallon HDPE lid each=.5) X 0.5lbs/unit X 0.04units/wk X 52.1428571428571 = 417.142857142857141 lb/yr
5800-Eating and drinking places	Recycling Durable plastic items		1.043			Plastic	0.5lbs/unit	UCLA/SH	0.001		1.042857142857141 lb/yr
5800-Eating and drinking places	Reuse Durable plastic items		3.963			Plastic	1.9lbs/unit	USEPA	0.002		(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.04units/wk X 52.1428571428571 = 0.2113.962857142857141 lb/yr
5800-Eating and drinking places	Recycling Uncoated corrugated cardboard		15			Paper	2.2lbs/unit	USEPA	0.195		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 3.4units/wk X 52.1428571428571 = 10.428571428571428571 lb/yr
W5 8200-Educational services	Recycling Other		390.029			Other	1lbs/unit		0.000		(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.04units/wk X 52.1428571428571 = 10.428571428571428571 lb/yr
W6 3600-Electronic & other electric equipment	Reuse Office white ledger	3	10.129			Paper	5lbs/unit	USEPA	0.005		(* Yard Trims, mixed 1 cubic yard=108) X 108lbs/unit X 0.14units/wk X 52.1428571428571 = 833.451428571428571 lb/yr
Y1 2500-Furniture and fixtures	Recycling Prunings and trimmings		833.451			Organic	108lbs/unit	USEPA	0.417		(* Pounds=1) X 1158.5lb/ft 45units/wk X 52.1428571428571 = 1.583.136.428571428571 lb/yr
2500-Furniture and fixtures	Scavenging Uncoated corrugated cardboard		2,346.429			Paper	1lbs/unit		1.173		

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